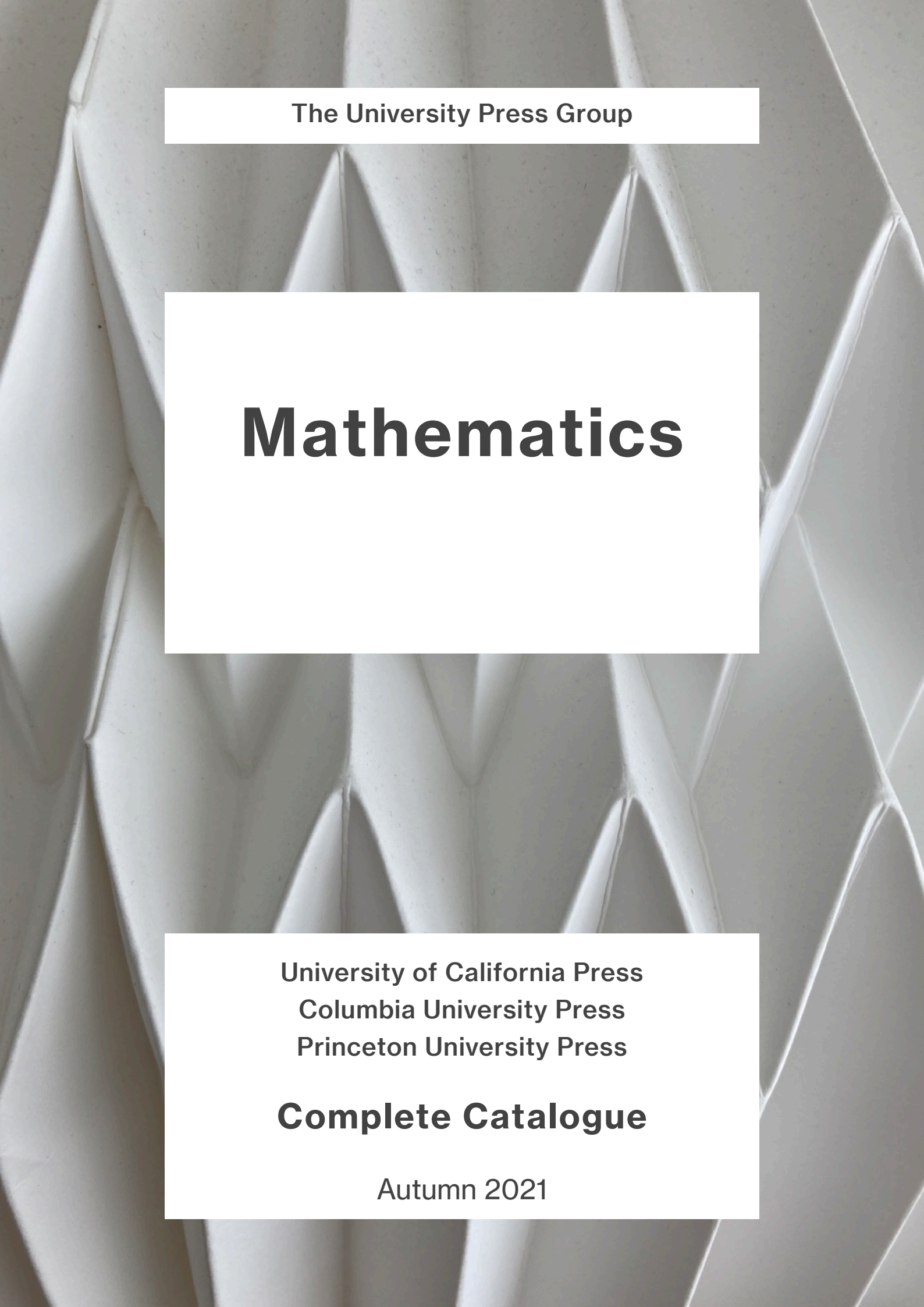


The University Press Group

Mathematics

University of California Press
Columbia University Press
Princeton University Press

Complete Catalogue

Autumn 2021

University of California Press

The University of California Press strives to drive progressive change by seeking out and cultivating the brightest minds and giving them voice, reach, and impact. We believe that scholarship is a powerful tool for fostering a deeper understanding of our world and changing how people think, plan, and govern. The work of addressing society's core challenges – whether they be persistent inequality, a failing education system, or global climate change – can be accelerated when scholarship assumes its role as an agent of engagement and democracy.

ucpress.edu

Columbia University Press

Columbia University Press seeks to enhance Columbia University's educational and research mission by publishing outstanding original works by scholars and other intellectuals that contribute to an understanding of global human concerns. The Press also reflects the importance of its location in New York City in its publishing programs. Through book, reference, electronic publishing, and distribution services, the Press broadens the university's international reputation.

cup.columbia.edu

Princeton University Press

Princeton University Press brings scholarly ideas to the world. We publish peer-reviewed books that connect authors and readers across spheres of knowledge to advance and enrich the global conversation. We embrace the highest standards of scholarship, inclusivity, and diversity in our publishing. In keeping with Princeton University's commitment to serve the nation and the world, we publish for scholars, students, and engaged readers everywhere.

press.princeton.edu

The University Press Group (UPG) is jointly owned by the University Presses of California, Columbia and Princeton and is responsible for the sales of their books in the UK and Ireland, Europe, The Middle East and Africa.

upguk.com

Catalogue Contents

Page

New Titles....1

Best Writing on Mathematics....6

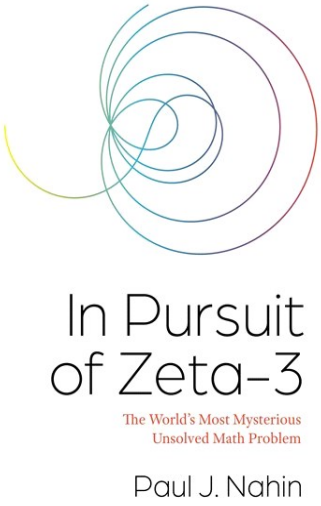
Princeton Companions....7

Best of Backlist....8

Backlist....10

Index....24

How to order....39



In Pursuit of Zeta-3

The World's Most Mysterious Unsolved Math Problem

Paul J. Nahin

An engrossing look at the history and importance of a centuries-old but still unanswered math problem

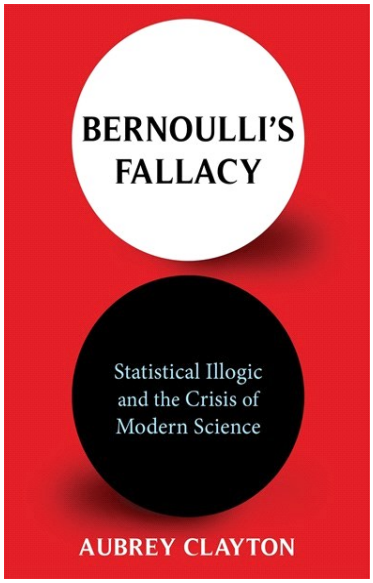
For centuries, mathematicians the world over have tried, and failed, to solve the zeta-3 problem. Math genius Leonhard Euler attempted it in the 1700s and came up short. The straightforward puzzle considers if there exists a simple symbolic formula for the following: 1+(1/2)^3+(1/3)^3+(1/4)^3+. . . . But why is this issue—the sum of the reciprocals of the positive integers cubed—so important? With *In Pursuit of Zeta-3*, popular math writer Paul Nahin investigates the history and significance of this mathematical conundrum.

Drawing on detailed examples, historical anecdotes, and even occasionally poetry, Nahin sheds light on the richness of the nature of zeta-3. He shows its intimate connections to the Riemann hypothesis, another mathematical mystery that has stumped mathematicians for nearly two centuries. He looks at its links with Euler's achievements and explores the modern research area of Euler sums, where zeta-3 occurs frequently. An exact solution to the zeta-3 question wouldn't simply satisfy pure mathematical interest: it would have critical ramifications for applications in physics and engineering, such as quantum electrodynamics. Challenge problems with detailed solutions and *MATLAB* code are included at the end of each of the book's sections.

Detailing the trials and tribulations of mathematicians who have approached one of the field's great unsolved riddles, *In Pursuit of Zeta-3* will tantalize curious math enthusiasts everywhere.

9780691206073
$26.95 | £20.00
Hardback
344 pages | 155.57mm : 234.95mm
2021

Mathematics / History & Philosophy
Princeton University Press



Bernoulli's Fallacy

Statistical Illogic and the Crisis of Modern Science

Aubrey Clayton

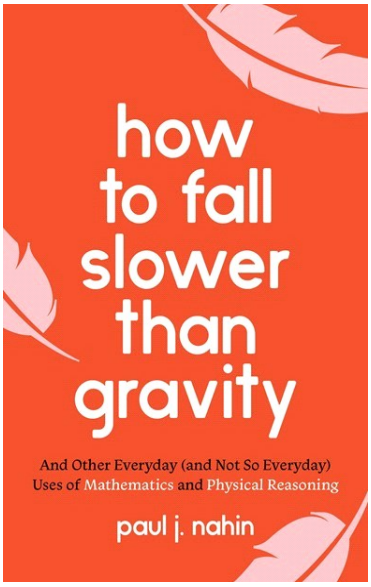
There is a logical flaw in the statistical methods used across experimental science. This fault is not a minor academic quibble: it underlies a reproducibility crisis now threatening entire disciplines. In an increasingly statistics-reliant society, this same deeply rooted error shapes decisions in medicine, law, and public policy with profound consequences. The foundation of the problem is a misunderstanding of probability and its role in making inferences from observations.

Aubrey Clayton traces the history of how statistics went astray, beginning with the groundbreaking work of the seventeenth-century mathematician Jacob Bernoulli and winding through gambling, astronomy, and genetics. Clayton recounts the feuds among rival schools of statistics, exploring the surprisingly human problems that gave rise to the discipline and the all-too-human shortcomings that derailed it. He highlights how influential nineteenth- and twentieth-century figures developed a statistical methodology they claimed was purely objective in order to silence critics of their political agendas, including eugenics.

Clayton provides a clear account of the mathematics and logic of probability, conveying complex concepts accessibly for readers interested in the statistical methods that frame our understanding of the world. He contends that we need to take a Bayesian approach—that is, to incorporate prior knowledge when reasoning with incomplete information—in order to resolve the crisis. Ranging across math, philosophy, and culture, *Bernoulli's Fallacy* explains why something has gone wrong with how we use data—and how to fix it.

9780231199940
$34.95 | £28.00
Hardback
368 pages | 155.575mm : 234.95mm
2021

Mathematics / History & Philosophy
Columbia University Press



How to Fall Slower Than Gravity

And Other Everyday (and Not So Everyday) Uses of Mathematics and Physical Reasoning

Paul J. Nahin

An engaging collection of intriguing problems that shows you how to think like a mathematical physicist

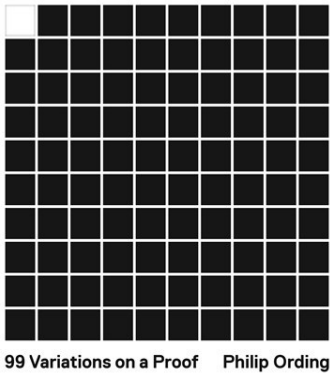
Paul Nahin is a master at explaining odd phenomena through straightforward mathematics. In this collection of twenty-six intriguing problems, he explores how mathematical physicists think. Always entertaining, the problems range from ancient catapult conundrums to the puzzling physics of a very peculiar material called NASTYGLASS—and from dodging trucks to why raindrops fall slower than the rate of gravity. The questions raised may seem impossible to answer at first and may require an unexpected twist in reasoning, but sometimes their solutions are surprisingly simple. Nahin's goal, however, is always to guide readers—who will need only to have studied advanced high school math and physics—in expanding their mathematical thinking to make sense of the curiosities of the physical world.

The problems are in the first part of the book and the solutions are in the second, so that readers may challenge themselves to solve the questions on their own before looking at the explanations. The problems show how mathematics—including algebra, trigonometry, geometry, and calculus—can be united with physical laws to solve both real and theoretical problems. Historical anecdotes woven throughout the book bring alive the circumstances and people involved in some amazing discoveries and achievements.

More than a puzzle book, this work will immerse you in the delights of scientific history while honing your math skills.

9780691229171
$19.95 | £14.99
Paperback
320 pages | 133.35mm : 203.2mm
2021

Mathematics / Recreations & Games
Princeton University Press



99 Variations on a Proof

Philip Ording

An exploration of mathematical style through 99 different proofs of the same theorem

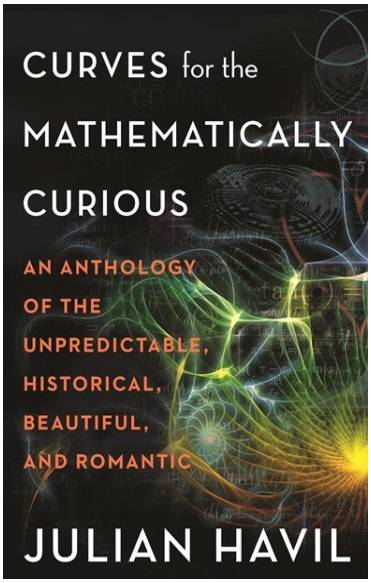
This book offers a multifaceted perspective on mathematics by demonstrating 99 different proofs of the same theorem. Each chapter solves an otherwise unremarkable equation in distinct historical, formal, and imaginative styles that range from Medieval, Topological, and Doggerel to Chromatic, Electrostatic, and Psychedelic. With a rare blend of humor and scholarly aplomb, Philip Ording weaves these variations into an accessible and wide-ranging narrative on the nature and practice of mathematics.

Inspired by the experiments of the Paris-based writing group known as the Oulipo—whose members included Raymond Queneau, Italo Calvino, and Marcel Duchamp—Ording explores new ways to examine the aesthetic possibilities of mathematical activity. *99 Variations on a Proof* is a mathematical take on Queneau's *Exercises in Style*, a collection of 99 retellings of the same story, and it draws unexpected connections to everything from mysticism and technology to architecture and sign language. Through diagrams, found material, and other imagery, Ording illustrates the flexibility and creative potential of mathematics despite its reputation for precision and rigor.

Readers will gain not only a bird's-eye view of the discipline and its major branches but also new insights into its historical, philosophical, and cultural nuances. Readers, no matter their level of expertise, will discover in these proofs and accompanying commentary surprising new aspects of the mathematical landscape.

9780691218977
$19.95 | £14.99
Paperback
272 pages | 215mm : 228mm
2021

Mathematics / General
Princeton University Press



Curves for the Mathematically Curious

An Anthology of the Unpredictable, Historical, Beautiful, and Romantic

Julian Havil

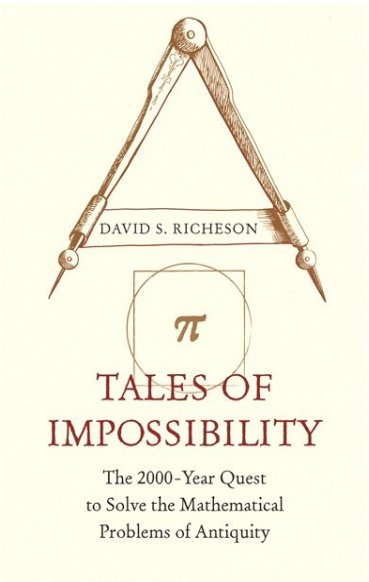
Ten amazing curves personally selected by one of today's most important math writers

Curves for the Mathematically Curious is a thoughtfully curated collection of ten mathematical curves, selected by Julian Havil for their significance, mathematical interest, and beauty. Each chapter gives an account of the history and definition of one curve, providing a glimpse into the elegant and often surprising mathematics involved in its creation and evolution. In telling the ten stories, Havil introduces many mathematicians and other innovators, some whose fame has withstood the passing of years and others who have slipped into comparative obscurity. You will meet Pierre Bézier, who is known for his ubiquitous and eponymous curves, and Adolphe Quetelet, who trumpeted the ubiquity of the normal curve but whose name now hides behind the modern body mass index. These and other ingenious thinkers engaged with the challenges, incongruities, and insights to be found in these remarkable curves—and now you can share in this adventure.

Curves for the Mathematically Curious is a rigorous and enriching mathematical experience for anyone interested in curves, and the book is designed so that readers who choose can follow the details with pencil and paper. Every curve has a story worth telling.

9780691206134
$19.95 | £14.99
Paperback
280 pages | 133.35mm : 203.2mm
2021

Mathematics / Geometry
Princeton University Press



Tales of Impossibility

The 2000-Year Quest to Solve the Mathematical Problems of Antiquity

David S. Richeson

A comprehensive look at four of the most famous problems in mathematics

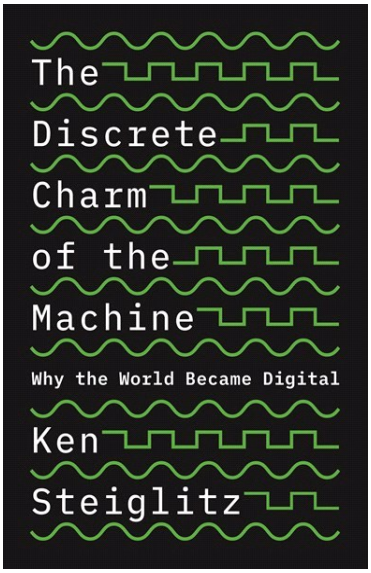
Tales of Impossibility recounts the intriguing story of the renowned problems of antiquity, four of the most famous and studied questions in the history of mathematics. First posed by the ancient Greeks, these compass and straightedge problems—squaring the circle, trisecting an angle, doubling the cube, and inscribing regular polygons in a circle—have served as ever-present muses for mathematicians for more than two millennia. David Richeson follows the trail of these problems to show that ultimately their proofs—which demonstrated the impossibility of solving them using only a compass and straightedge—depended on and resulted in the growth of mathematics.

Richeson investigates how celebrated luminaries, including Euclid, Archimedes, Viète, Descartes, Newton, and Gauss, labored to understand these problems and how many major mathematical discoveries were related to their explorations. Although the problems were based in geometry, their resolutions were not, and had to wait until the nineteenth century, when mathematicians had developed the theory of real and complex numbers, analytic geometry, algebra, and calculus. Pierre Wantzel, a little-known mathematician, and Ferdinand von Lindemann, through his work on pi, finally determined the problems were impossible to solve. Along the way, Richeson provides entertaining anecdotes connected to the problems, such as how the Indiana state legislature passed a bill setting an incorrect value for pi and how Leonardo da Vinci made elegant contributions in his own study of these problems.

Taking readers from the classical period to the present, *Tales of Impossibility* chronicles how four unsolvable problems have captivated mathematical thinking for centuries.

9780691218724
$22.95 | £17.99
Paperback
456 pages | 133.35mm : 203.2mm
2021

Mathematics / History & Philosophy
Princeton University Press



The Discrete Charm of the Machine

Why the World Became Digital

Ken Steiglitz

The genesis of the digital idea and why it transformed civilization

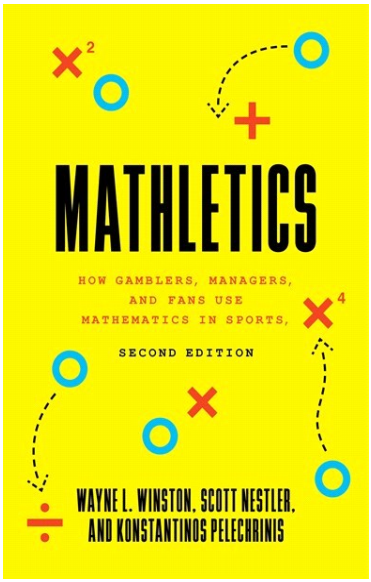
A few short decades ago, we were informed by the smooth signals of analog television and radio; we communicated using our analog telephones; and we even computed with analog computers. Today our world is digital, built with zeros and ones. Why did this revolution occur? *The Discrete Charm of the Machine* explains, in an engaging and accessible manner, the varied physical and logical reasons behind this radical transformation.

The spark of individual genius shines through this story of innovation: the stored program of Jacquard's loom; Charles Babbage's logical branching; Alan Turing's brilliant abstraction of the discrete machine; Harry Nyquist's foundation for digital signal processing; Claude Shannon's breakthrough insights into the meaning of information and bandwidth; and Richard Feynman's prescient proposals for nanotechnology and quantum computing. Ken Steiglitz follows the progression of these ideas in the building of our digital world, from the internet and artificial intelligence to the edge of the unknown. Are questions like the famous traveling salesman problem truly beyond the reach of ordinary digital computers? Can quantum computers transcend these barriers? Does a mysterious magical power reside in the analog mechanisms of the brain? Steiglitz concludes by confronting the moral and aesthetic questions raised by the development of artificial intelligence and autonomous robots.

The Discrete Charm of the Machine examines why our information technology, the lifeblood of our civilization, became digital, and challenges us to think about where its future trajectory may lead.

9780691229027
$19.95 | £14.99
Paperback
256 pages | 155.57mm : 234.95mm
2021

Mathematics / History & Philosophy
Princeton University Press



Mathletics

How Gamblers, Managers, and Fans Use Mathematics in Sports, Second Edition

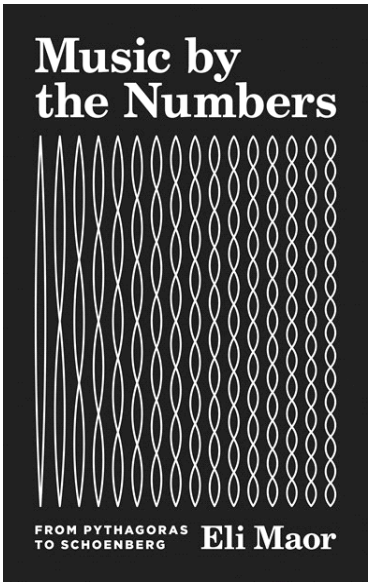
Wayne L. Winston, Scott Nestler, Konstantinos Pelechrinis

How to use math to improve performance and predict outcomes in professional sports

Mathletics reveals the mathematical methods top coaches and managers use to evaluate players and improve team performance, and gives math enthusiasts the practical skills they need to enhance their understanding and enjoyment of their favorite sports—and maybe even gain the outside edge to winning bets. This second edition features new data, new players and teams, and new chapters on soccer, e-sports, golf, volleyball, gambling Calcuttas, analysis of camera data, Bayesian inference, ridge regression, and other statistical techniques. After reading *Mathletics*, you will understand why baseball teams should almost never bunt; why football overtime systems are unfair; why points, rebounds, and assists aren't enough to determine who's the NBA's best player; and more.

9780691177625
$19.95 | £14.99
Paperback
432 pages | 155.45mm : 234.95mm
2022

Computers / Databases
Princeton University Press



Music by the Numbers

From Pythagoras to Schoenberg

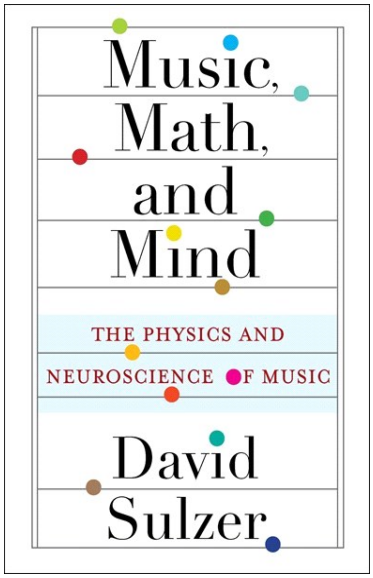
Eli Maor

How music has influenced mathematics, physics, and astronomy from ancient Greece to the twentieth century

Music is filled with mathematical elements. The works of Bach are often said to possess a math-like logic, and Arnold Schoenberg, Iannis Xenakis, and Karlheinz Stockhausen wrote music explicitly based on mathematical principles. Yet Eli Maor argues that it is music that has had the greater influence on mathematics, not the other way around. Starting with Pythagoras, proceeding through Schoenberg, and bringing the story up to the present with contemporary string theory, *Music by the Numbers* tells a fascinating story of composers, scientists, inventors, and eccentrics who have played a role in the age-old relationship between music, mathematics, and the physical sciences. Weaving compelling stories of historical episodes with Maor's personal reflections as a mathematician and lover of classical music, this book will delight anyone who loves math and music.

9780691202969
$17.95 | £14.99
Paperback
176 pages | 139.7mm : 215.9mm
2020

Mathematics / History & Philosophy
Princeton University Press



Music, Math, and Mind

The Physics and Neuroscience of Music

David Sulzer

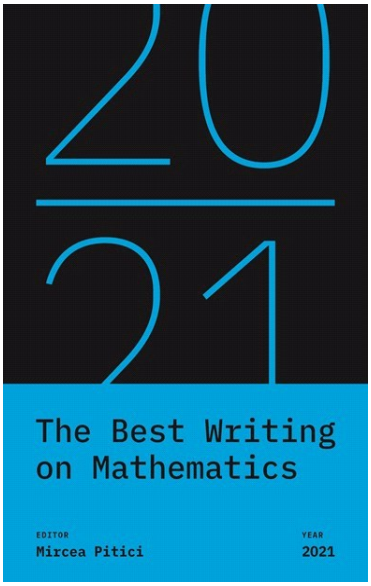
Why does a clarinet play at lower pitches than a flute? What does it mean for sounds to be in or out of tune? How are emotions carried by music? Do other animals perceive sound like we do? How might a musician use math to come up with new ideas?

This book offers a lively exploration of the mathematics, physics, and neuroscience that underlie music in a way that readers without scientific background can follow. David Sulzer, also known in the musical world as Dave Soldier, explains why the perception of music encompasses the physics of sound, the functions of the ear and deep-brain auditory pathways, and the physiology of emotion. He delves into topics such as the math by which musical scales, rhythms, tuning, and harmonies are derived, from the days of Pythagoras to technological manipulation of sound waves. Sulzer ranges from styles from around the world to canonical composers to hip-hop, the history of experimental music, and animal sound by songbirds, cetaceans, bats, and insects. He makes accessible a vast range of material, helping readers discover the universal principles behind the music they find meaningful.

Written for musicians and music lovers with any level of science and math proficiency, including none, *Music, Math, and Mind* demystifies how music works while testifying to its beauty and wonder.

9780231193795
$28.00 | £22.00
Paperback
304 pages | 152.4mm : 228.6mm
2021

Mathematics / General
Columbia University Press



The Best Writing on Mathematics 2021

Mircea Pitici

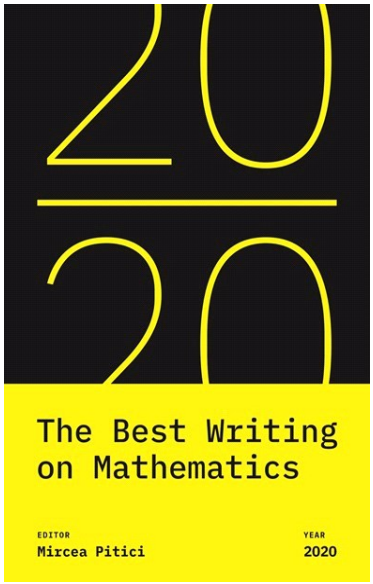
The year's finest mathematical writing from around the world

This annual anthology brings together the year's finest mathematics writing from around the world—and you don't need to be a mathematician to enjoy the pieces collected here. These essays—from leading names and fresh new voices—delve into the history, philosophy, teaching, and everyday aspects of math, offering surprising insights into its nature, meaning, and practice, and taking readers behind the scenes of today's hottest mathematical debates.

Here, Viktor Blåsjö gives a brief history of "lockdown mathematics"; Yelda Nasifoglu decodes the politics of a seventeenth-century play in which the characters are geometric shapes; and Andrew Lewis-Pye explains the basic algorithmic rules and computational procedures behind cryptocurrencies. In other essays, Terence Tao candidly recalls the adventures and misadventures of growing up to become a leading mathematician; Natalie Wolchover shows how old math gives new clues about whether time really flows; and David Hand discusses the problem of "dark data"—information that is missing or ignored. And there is much, much more.

9780691225708
$24.95 | £20.00
Paperback
352 pages | 139.7mm : 215.9mm
2021

Mathematics / General
The Best Writing on Mathematics
Princeton University Press



The Best Writing on Mathematics 2020

Mircea Pitici

The year's finest mathematical writing from around the world

This annual anthology brings together the year's finest mathematics writing from around the world. Featuring promising new voices alongside some of the foremost names in the field, *The Best Writing on Mathematics 2020* 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 aspects of math, and take readers behind the scenes of today's hottest mathematical debates.

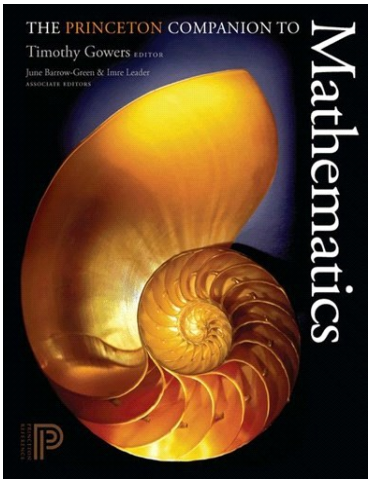
Here, Steven Strogatz reveals how calculus drives advances in virology, Paul Thagard argues that the power of mathematics stems from its combination of realistic and fictional qualities, and Erica Klarreich describes how Hao Huang used the combinatorics of cube nodes to solve a longstanding problem in computer science. In other essays, John Baez tells how he discovered the irresistible attractions of algebraic geometry, Mark Colyvan compares the radically different explanatory practices of mathematics and science, and Boris Odehnal reviews some surprising properties of multidimensional geometries. And there's much, much more.

In addition to presenting the year's most memorable writings on mathematics, this must-have anthology includes a bibliography of other notable writings and an introduction by the editor.

This book belongs on the shelf of anyone interested in where math has taken us—and where it is headed.

9780691207568
$24.95 | £20.00
Paperback
264 pages | 139.7mm : 215.9mm
2020

Mathematics / Essays
The Best Writing on Mathematics
Princeton University Press



The Princeton Companion to Mathematics

Timothy Gowers, June Barrow-Green, Imre Leader

This is a one-of-a-kind reference for anyone with a serious interest in mathematics. Edited by Timothy Gowers, a recipient of the Fields Medal, it presents nearly two hundred entries, written especially for this book by some of the world's leading mathematicians, that introduce basic mathematical tools and vocabulary; trace the development of modern mathematics; explain essential terms and concepts; examine core ideas in major areas of mathematics; describe the achievements of scores of famous mathematicians; explore the impact of mathematics on other disciplines such as biology, finance, and music--and much, much more.

Unparalleled in its depth of coverage, *The Princeton Companion to Mathematics* surveys the most active and exciting branches of pure mathematics. Accessible in style, this is an indispensable resource for undergraduate and graduate students in mathematics as well as for researchers and scholars seeking to understand areas outside their specialties.

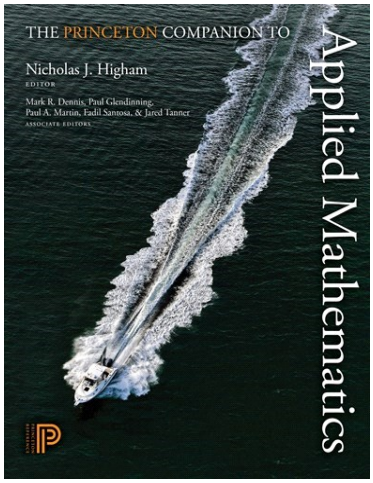
- Features nearly 200 entries, organized thematically and written by an international team of distinguished contributors
- Presents major ideas and branches of pure mathematics in a clear, accessible style
- Defines and explains important mathematical concepts, methods, theorems, and open problems
- Introduces the language of mathematics and the goals of mathematical research
- Covers number theory, algebra, analysis, geometry, logic, probability, and more
- Traces the history and development of modern mathematics
- Profiles more than ninety-five mathematicians who influenced those working today
- Explores the influence of mathematics on other disciplines
- Includes bibliographies, cross-references, and a comprehensive index

Contributors incude:

Graham Allan, Noga Alon, George Andrews, Tom Archibald, Sir Michael Atiyah,

9780691118802
$99.50 | £78.00
Hardback
1,056 pages | 203.2mm : 254mm
2008

Mathematics / Reference
Princeton University Press



The Princeton Companion to Applied Mathematics

Nicholas J. Higham, Mark R. Dennis, Paul A. Martin

The must-have compendium on applied mathematics

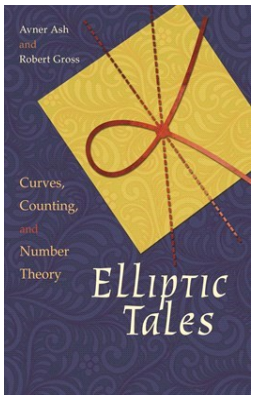
This is the most authoritative and accessible single-volume reference book on applied mathematics. Featuring numerous entries by leading experts and organized thematically, it introduces readers to applied mathematics and its uses; explains key concepts; describes important equations, laws, and functions; looks at exciting areas of research; covers modeling and simulation; explores areas of application; and more.

Modeled on the popular *Princeton Companion to Mathematics*, this volume is an indispensable resource for undergraduate and graduate students, researchers, and practitioners in other disciplines seeking a user-friendly reference book on applied mathematics.

- Features nearly 200 entries organized thematically and written by an international team of distinguished contributors
- Presents the major ideas and branches of applied mathematics in a clear and accessible way
- Explains important mathematical concepts, methods, equations, and applications
- Introduces the language of applied mathematics and the goals of applied mathematical research
- Gives a wide range of examples of mathematical modeling
- Covers continuum mechanics, dynamical systems, numerical analysis, discrete and combinatorial mathematics, mathematical physics, and much more
- Explores the connections between applied mathematics and other disciplines
- Includes suggestions for further reading, cross-references, and a comprehensive index

9780691150390
$99.50 | £78.00
Hardback
1,032 pages | 218mm : 266mm
2015

Mathematics / Reference
Princeton University Press

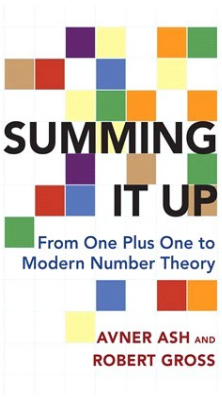


Elliptic Tales

Curves, Counting, and Number Theory

Avner Ash, Robert Gross

9780691163505
$16.95 | £12.99
Paperback | 2014
Mathematics
Princeton University Press

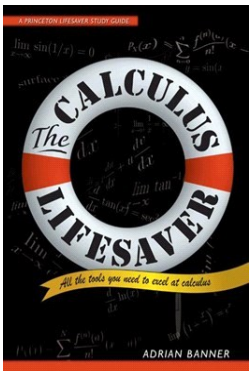


Summing It Up

From One Plus One to Modern Number Theory

Avner Ash, Robert Gross

9780691178516
$16.95 | £12.99
Paperback | 2018
Mathematics
Princeton University Press

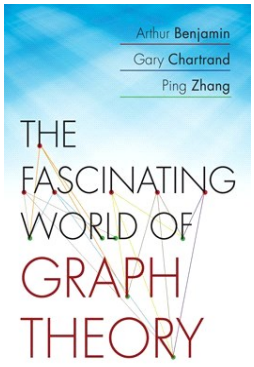


The Calculus Lifesaver

All the Tools You Need to Excel at Calculus

Adrian Banner

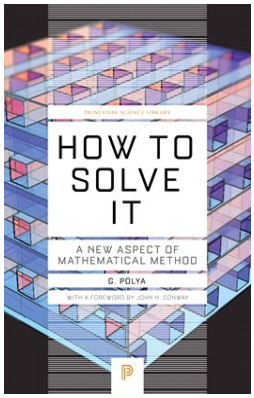
9780691130880
$24.95 | £20.00
Paperback | 2007
Mathematics
Princeton Lifesaver Study Guides
Princeton University Press



The Fascinating World of Graph Theory

Arthur Benjamin, Gary Chartrand, Ping Zhang

9780691175638
$19.95 | £14.99
Paperback | 2017
Mathematics
Princeton University Press

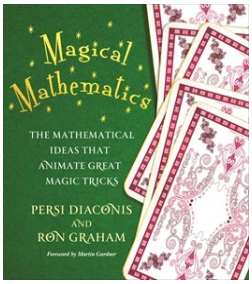


How to Solve It

A New Aspect of Mathematical Method

John H. Conway, G. Polya

9780691164076
$19.95 | £14.99
Paperback | 2014
Mathematics
Princeton Science Library
Princeton University Press

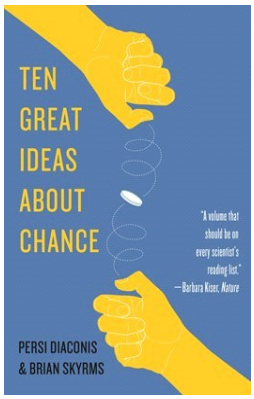


Magical Mathematics

The Mathematical Ideas That Animate Great Magic Tricks

Persi Diaconis, Ron Graham, Martin Gardner

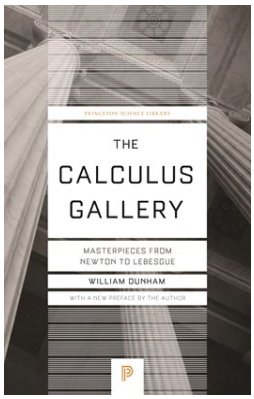
9780691169774
$19.95 | £14.99
Paperback | 2015
Mathematics
Princeton University Press



Ten Great Ideas about Chance

Persi Diaconis, Brian Skyrms

9780691196398
$17.95 | £14.99
Paperback | 2019
Mathematics
Princeton University Press

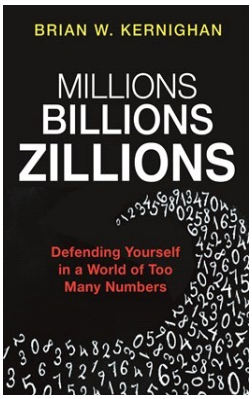


The Calculus Gallery

Masterpieces from Newton to Lebesgue

William Dunham

9780691182858
$19.95 | £14.99
Paperback | 2018
Mathematics
Princeton Science Library
Princeton University Press

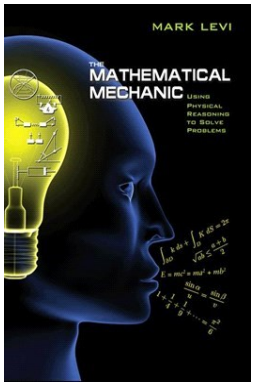


Millions, Billions, Zillions

Defending Yourself in a World of Too Many Numbers

Brian W. Kernighan

9780691209098
$16.95 | £12.99
Paperback | 2020
Mathematics
Princeton University Press

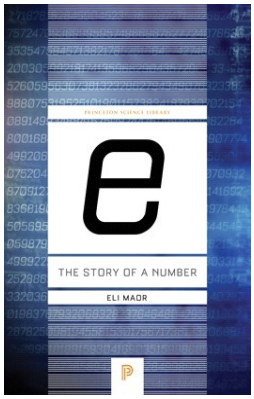


The Mathematical Mechanic

Using Physical Reasoning to Solve Problems

Mark Levi

9780691154565
$15.95 | £12.99
Paperback | 2012
Mathematics
Princeton University Press

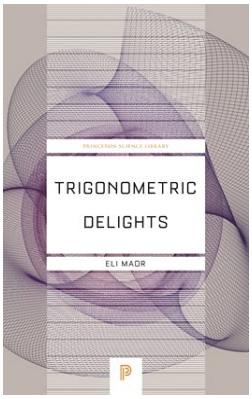


e: The Story of a Number

The Story of a Number

Eli Maor

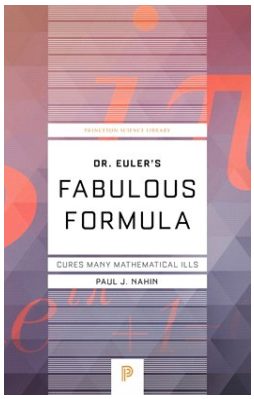
9780691168487
$16.95 | £12.99
Paperback | 2015
Mathematics
Princeton Science Library
Princeton University Press



Trigonometric Delights

Eli Maor

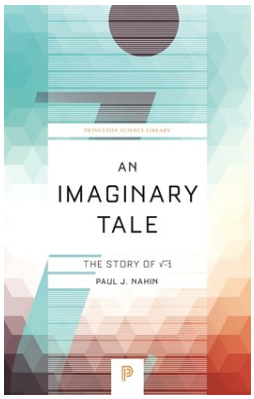
9780691202198
$17.95 | £14.99
Paperback | 2020
Mathematics
Princeton Science Library
Princeton University Press



Dr. Euler's Fabulous Formula
Cures Many Mathematical Ills

Paul J. Nahin

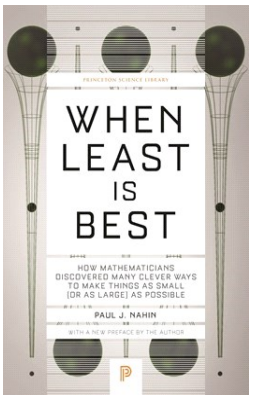
9780691175911
$22.95 | £17.99
Paperback | 2017
Mathematics
Princeton Science Library
Princeton University Press



An Imaginary Tale
The Story of v-1

Paul J. Nahin

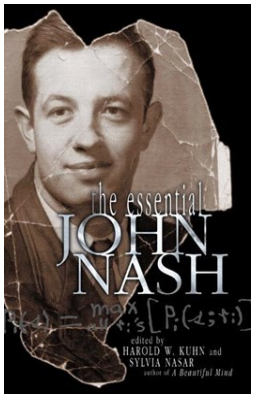
9780691169248
$16.95 | £12.99
Paperback | 2016
Mathematics
Princeton Science Library
Princeton University Press



When Least Is Best
How Mathematicians Discovered Many Clever Ways to Make Things as Small (or as Large) as Possible

Paul J. Nahin

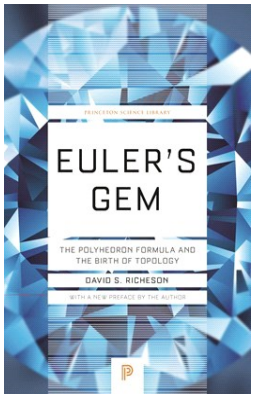
9780691218762
$18.95 | £14.99
Paperback | 2021
Mathematics
Princeton Science Library
Princeton University Press



The Essential John Nash

John Nash, Harold William Kuhn, Sylvia Nasar

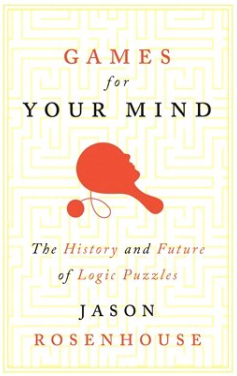
9780691096100
$37.50 | £30.00
Paperback | 2007
Mathematics
Princeton University Press



Euler's Gem
The Polyhedron Formula and the Birth of Topology

David S. Richeson

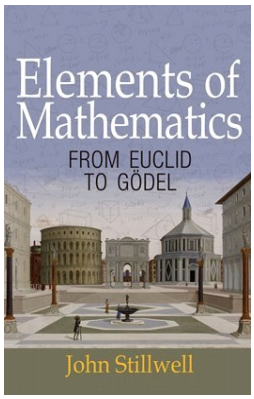
9780691191379
$19.95 | £14.99
Paperback | 2019
Mathematics
Princeton Science Library
Princeton University Press



Games for Your Mind
The History and Future of Logic Puzzles

Jason Rosenhouse

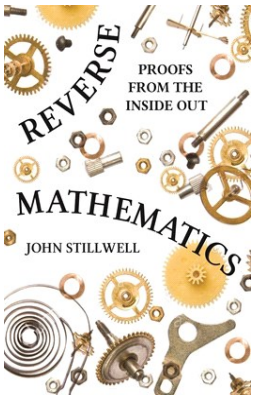
9780691174075
$29.95 | £25.00
Hardback | 2020
Mathematics
Princeton University Press



Elements of Mathematics
From Euclid to Gödel

John Stillwell

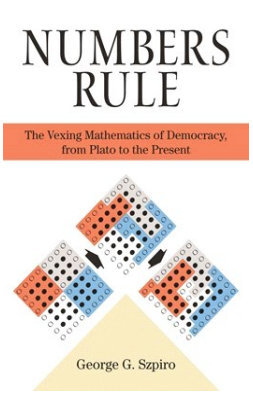
9780691178547
$21.95 | £16.99
Paperback | 2017
Mathematics
Princeton University Press



Reverse Mathematics
Proofs from the Inside Out

John Stillwell

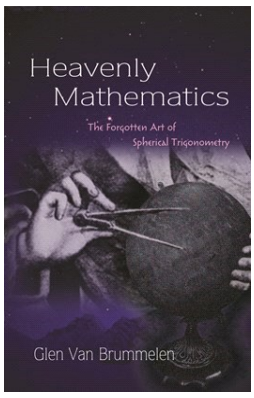
9780691196411
$18.95 | £14.99
Paperback | 2019
Mathematics
Princeton University Press



Numbers Rule
The Vexing Mathematics of Democracy, from Plato to the Present

George Szpiro

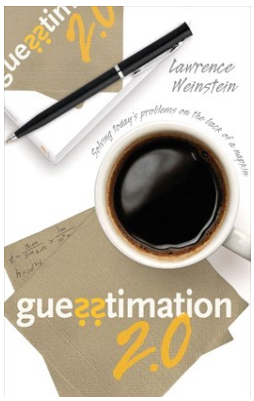
9780691209081
$18.95 | £14.99
Paperback | 2020
Mathematics
Princeton University Press



Heavenly Mathematics
The Forgotten Art of Spherical Trigonometry

Glen Van Brummelen

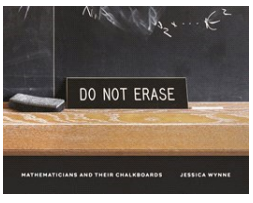
9780691175997
$19.95 | £14.99
Paperback | 2017
Mathematics
Princeton University Press



Guesstimation 2.0
Solving Today's Problems on the Back of a Napkin

Lawrence Weinstein, Patricia Edwards

9780691150802
$19.95 | £14.99
Paperback | 2012
Mathematics
Princeton University Press



Do Not Erase
Mathematicians and Their Chalkboards

Jessica Wynne

9780691199221
$35.00 | £28.00
Hardback | 2021
Mathematics
Princeton University Press

Local Search in Combinatorial Optimization
Emile Aarts, Jan Karel Lenstra
$85.00 | £66.00

9780691115221 | 2003 | PB
Princeton University Press

The p-adic Simpson Correspondence (AM-193)
Ahmed Abbes, Michel Gros, Takeshi Tsuji
$75.00 | £58.00

9780691170299 | 2016 | PB
Annals of Mathematics Studies
Princeton University Press

The p-adic Simpson Correspondence (AM-193)
Ahmed Abbes, Michel Gros, Takeshi Tsuji
$165.00 | £128.00

9780691170282 | 2016 | HB
Annals of Mathematics Studies
Oxford University Press

Flatland
A Romance of Many Dimensions
Edwin Abbott Abbott, Thomas Banchoff
$12.95 | £9.99

9780691165554 | 2015 | PB
Princeton Science Library
Princeton University Press

Ramification Theoretic Methods in Algebraic Geometry (AM-43), Volume 43
Shreeram Shanka Abhyankar
$57.50 | £45.00

9780691080239 | 1994 | PB
Annals of Mathematics Studies
Princeton University Press

Optimization Algorithms on Matrix Manifolds
P.-A. Absil, R. Mahony, Rodolphe Sepulchre
$78.50 | £62.00

9780691132983 | 2008 | HB
Princeton University Press

Mathematics in Nature
Modeling Patterns in the Natural World
John A. Adam
$46.95 | £38.00

9780691127965 | 2006 | PB
Princeton University Press

Rays, Waves, and Scattering
Topics in Classical Mathematical Physics
John A. Adam
$85.00 | £66.00

9780691148373 | 2017 | HB
Princeton Series in Applied Mathematics
Princeton University Press

X and the City
Modeling Aspects of Urban Life
John A. Adam
$19.95 | £14.99

9780691162324 | 2014 | PB
Princeton University Press

X and the City
Modeling Aspects of Urban Life
John A. Adam
$29.95 | £25.00

9780691154640 | 2012 | HB
Princeton University Press

Infinite Loop Spaces (AM-90), Volume 90
Hermann Weyl Lectures, The Institute for Advanced Study. (AM-90)
John Frank Adams
$78.50 | £62.00

9780691082066 | 1992 | PB
Annals of Mathematics Studies
Princeton University Press

Advances in the Theory of Riemann Surfaces. (AM-66), Volume 66
Lars Valerian Ahlfors, Lipman Bers
$105.00 | £82.00

9780691080819 | 1992 | PB
Annals of Mathematics Studies
Princeton University Press

Contributions to the Theory of Riemann Surfaces. (AM-30), Volume 30
Lars Valerian Ahlfors, E. Calabi, Marston Morse, Leo Sario, Donald Clayton Spencer
$85.00 | £66.00

9780691079394 | 2002 | PB
Annals of Mathematics Studies
Princeton University Press

Fascinating Mathematical People
Interviews and Memoirs
Donald J. Albers, Gerald Alexanderson, Gerald L. Alexanderson, Philip J. Davis
$35.00 | £28.00

9780691148298 | 2011 | HB
Princeton University Press

The Decomposition of Global Conformal Invariants (AM-182)
Spyros Alexakis
$90.00 | £70.00

9780691153483 | 2012 | PB
Annals of Mathematics Studies
Princeton University Press

The Decomposition of Global Conformal Invariants (AM-182)
Spyros Alexakis
$205.00 | £158.00

9780691153476 | 2012 | HB
Annals of Mathematics Studies
Oxford University Press

Mathematical Methods in Elasticity Imaging
Habib Ammari, Elie Bretin, Josselin Garnier, Hyeonbae Kang, Hyundae Lee, Abdul Wahab
$65.00 | £54.00

9780691165318 | 2015 | HB
Princeton Series in Applied Mathematics
Oxford University Press

Symposium on Infinite Dimensional Topology. (AM-69), Volume 69
R. D. Anderson
$99.95 | £78.00

9780691080871 | 1992 | PB
Annals of Mathematics Studies
Princeton University Press

The Traveling Salesman Problem
A Computational Study
David L. Applegate, Robert E. Bixby, Vašek Chvátal, William J. Cook
$97.50 | £76.00

9780691129938 | 2007 | HB
Princeton Series in Applied Mathematics
Princeton University Press

Simple Algebras, Base Change, and the Advanced Theory of the Trace Formula. (AM-120), Volume 120
James Arthur, Laurent Clozel
$78.50 | £62.00

9780691085180 | 1992 | PB
Annals of Mathematics Studies
Princeton University Press

Asymptotic Differential Algebra and Model Theory of Transseries
(AMS-195)
Matthias Aschenbrenner, Lou van den Dries, Joris van der Hoeven
$165.00 | £128.00

9780691175423 | 2017 | HB
Annals of Mathematics Studies

Asymptotic Differential Algebra and Model Theory of Transseries
(AMS-195)
Matthias Aschenbrenner, Lou van den Dries, Joris van der Hoeven
$75.00 | £58.00

9780691175430 | 2017 | PB
Annals of Mathematics Studies

Mathematics Elsewhere
An Exploration of Ideas Across Cultures
Marcia Ascher
$47.95 | £38.00

9780691120225 | 2004 | PB
Princeton University Press

Elliptic Tales
Curves, Counting, and Number Theory
Avner Ash, Robert Gross
$29.95 | £25.00

9780691151199 | 2012 | HB
Princeton University Press

Fearless Symmetry
Exposing the Hidden Patterns of Numbers - New Edition
Avner Ash, Robert Gross
$31.95 | £25.00

9780691138718 | 2008 | PB
Princeton University Press

Summing It Up
From One Plus One to Modern Number Theory
Avner Ash, Robert Gross
$27.95 | £22.00

9780691170190 | 2016 | HB
Princeton University Press

Elliptic Partial Differential Equations and Quasiconformal Mappings in the Plane (PMS-48)
Kari Astala, Tadeusz Iwaniec, Gaven Martin
$120.00 | £94.00

9780691137773 | 2009 | HB
Princeton Mathematical Series
Princeton University Press

Flows on Homogeneous Spaces. (AM-53), Volume 53
Louis Auslander, F. Hahn, L. Green
$57.50 | £45.00

9780691079639 | 1963 | PB
Annals of Mathematics Studies
Princeton University Press

The Birth of Model Theory
Löwenheim's Theorem in the Frame of the Theory of Relatives
Calixto Badesa
$99.95 | £78.00

9780691058535 | 2004 | HB
Princeton University Press

Discrete Orthogonal Polynomials. (AM-164)
Asymptotics and Applications (AM-164)
J. Baik, T. Kriecherbauer, Kenneth D.T-R McLaughlin, Peter D. Miller
$67.50 | £54.00

9780691127347 | 2007 | PB
Annals of Mathematics Studies

K-Theory of Forms. (AM-98), Volume 98
Anthony Bak
$85.00 | £66.00

9780691082752 | 1992 | PB
Annals of Mathematics Studies
Princeton University Press

Matrix Completions, Moments, and Sums of Hermitian Squares
Mihály Bakonyi, Hugo J. Woerdeman
$97.50 | £76.00

9780691128894 | 2011 | HB
Princeton Series in Applied Mathematics
Oxford University Press

Strange Curves, Counting Rabbits, & Other Mathematical Explorations
Keith Ball
$32.95 | £25.00

9780691127972 | 2006 | PB
Princeton University Press

Slicing Pizzas, Racing Turtles, and Further Adventures in Applied Mathematics
Robert B. Banks
$18.95 | £14.99

9780691154992 | 2012 | PB
Princeton Puzzlers
Princeton University Press

Towing Icebergs, Falling Dominoes, and Other Adventures in Applied Mathematics
Robert B. Banks
$16.95 | £12.99

9780691158181 | 2013 | PB
Princeton Puzzlers
Princeton University Press

Real Submanifolds in Complex Space and Their Mappings (PMS-47)
M. Salah Baouendi, Peter Ebenfelt, Linda Preiss Rothschild
$140.00 | £108.00

9780691004983 | 1999 | HB
Princeton Mathematical Series
Princeton University Press

Calculus on Heisenberg Manifolds. (AM-119), Volume 119
Richard Beals, Peter Charles Greiner
$78.50 | £62.00

9780691085012 | 1992 | PB
Annals of Mathematics Studies
Princeton University Press

The Mathematics of Various Entertaining Subjects
Volume 3: The Magic of Mathematics
Jennifer Beineke, Jason Rosenhouse
$49.95 | £40.00

9780691182582 | 2019 | PB
Princeton University Press

The Mathematics of Various Entertaining Subjects
Research in Recreational Math
Jennifer Beineke, Jason Rosenhouse, Raymond M. Smullyan
$75.00 | £35.00

9780691164038 | 2016 | HB
Oxford University Press

The Mathematics of Various Entertaining Subjects
Research in Games, Graphs, Counting, and Complexity, Volume 2
Jennifer Beineke, Jason Rosenhouse
$45.00 | £35.00

9780691171920 | 2017 | HB
Princeton University Press

Capture Dynamics and Chaotic Motions in Celestial Mechanics
With Applications to the Construction of Low Energy Transfers
Edward Belbruno
$99.95 | £78.00

9780691094809 | 2004 | HB
Princeton University Press

Dynamic Programming
Richard E. Bellman
$55.00 | £44.00

9780691146683 | 2010 | PB
Princeton Landmarks in Mathematics and Physics
Princeton University Press

Robust Optimization
Aharon Ben-Tal, Laurent El Ghaoui, Arkadi Nemirovski
$97.50 | £76.00

9780691143682 | 2009 | HB
Princeton Series in Applied Mathematics
Princeton University Press

An Introduction to Benford's Law
Arno Berger, Theodore P. Hill
$75.00 | £62.00

9780691163062 | 2015 | HB
Oxford University Press

Integration of One-forms on P-adic Analytic Spaces. (AM-162)
Vladimir G. Berkovich
$67.50 | £54.00

9780691128627 | 2006 | PB
Annals of Mathematics Studies
Princeton University Press

Existence Theorems in Partial Differential Equations. (AM-23), Volume 23
Dorothy L. Bernstein
$72.50 | £58.00

9780691095806 | 1950 | PB
Annals of Mathematics Studies
Princeton University Press

Matrix Mathematics
Theory, Facts, and Formulas - Second Edition
Dennis S. Bernstein
$85.00 | £66.00

9780691140391 | 2009 | PB
Princeton University Press

Scalar, Vector, and Matrix Mathematics
Theory, Facts, and Formulas - Revised and Expanded Edition
Dennis S. Bernstein
$99.50 | £78.00

9780691176536 | 2018 | PB
Princeton University Press

Scalar, Vector, and Matrix Mathematics
Theory, Facts, and Formulas - Revised and Expanded Edition
Dennis S. Bernstein
$185.00 | £145.00

9780691151205 | 2018 | HB
Princeton University Press

Contributions to the Theory of Partial Differential Equations. (AM-33), Volume 33
Lipman Bers, Salomon Bochner Trust, Fritz John
$85.00 | £66.00

9780691095844 | 1954 | PB
Annals of Mathematics Studies
Princeton University Press

General Theory of Algebraic Equations
Etienne Bézout, Eric Feron
$90.00 | £70.00

9780691114323 | 2006 | HB
Princeton University Press

Positive Definite Matrices
Rajendra Bhatia
$35.00 | £28.00

9780691168258 | 2015 | PB
Princeton Series in Applied Mathematics
Princeton University Press

Topology Seminar Wisconsin, 1965. (AM-60), Volume 60
R. H. Bing, Ralph J. Bean
$85.00 | £66.00

9780691080567 | 1966 | PB
Annals of Mathematics Studies
Princeton University Press

Rational Decisions
Ken Binmore
$32.95 | £25.00

9780691149899 | 2011 | PB
The Gorman Lectures in Economics
Princeton University Press

Braids, Links, and Mapping Class Groups. (AM-82), Volume 82
Joan S. Birman
$85.00 | £66.00

9780691081496 | 1992 | PB
Annals of Mathematics Studies
Princeton University Press

The Hypoelliptic Laplacian and Ray-Singer Metrics. (AM-167)
Jean-Michel Bismut, Gilles Lebeau
$67.50 | £54.00

9780691137322 | 2008 | PB
Annals of Mathematics Studies
Princeton University Press

Hypoelliptic Laplacian and Orbital Integrals (AM-177)
Jean-Michel Bismut
$78.50 | £62.00

9780691151304 | 2011 | PB
Annals of Mathematics Studies
Princeton University Press

Unsolved Problems in Mathematical Systems and Control Theory
Vincent D. Blondel, Alexandre Megretski
$85.00 | £66.00

9780691117485 | 2004 | HB
Princeton University Press

Modern Methods in Complex Analysis (AM-137), Volume 137
The Princeton Conference in Honor of Gunning and Kohn. (AM-137)
Thomas Bloom, David W. Catlin, John P. D'Angelo, Yum-Tong Siu
$105.00 | £82.00

Mathematics for the Life Sciences
Erin N. Bodine, Suzanne Lenhart, Louis J. Gross
$90.00 | £70.00

9780691150727 | 2014 | HB
Princeton University Press

Seminar On Minimal Submanifolds. (AM-103), Volume 103
Enrico Bombieri
$99.95 | £78.00

9780691083193 | 1992 | PB
Annals of Mathematics Studies
Princeton University Press

Frontiers in Complex Dynamics
In Celebration of John Milnor's 80th Birthday
Araceli Bonifant, Misha Lyubich, Scott Sutherland
$105.00 | £82.00

9780691159294 | 2014 | HB
Princeton Mathematical Series
Oxford University Press

Seminar on Transformation Groups. (AM-46), Volume 46
Armand Borel
$78.50 | £62.00

9780691090948 | 1960 | PB
Annals of Mathematics Studies
Princeton University Press

Opt Art
From Mathematical Optimization to Visual Design
Robert Bosch
$29.95 | £25.00

9780691164069 | 2019 | HB
Princeton University Press

Green's Function Estimates for Lattice Schrödinger Operators and Applications. (AM-158)
Jean Bourgain
$72.50 | £58.00

9780691120980 | 2004 | PB
Annals of Mathematics Studies
Princeton University Press

Mathematical Aspects of Nonlinear Dispersive Equations (AM-163)
Jean Bourgain, Carlos E. Kenig, Sergiu Klainerman
$78.50 | £62.00

9780691129556 | 2007 | PB
Annals of Mathematics Studies
Princeton University Press

The Spectral Theory of Toeplitz Operators. (AM-99), Volume 99
L. Boutet de Monvel, Victor Guillemin
$78.50 | £62.00

9780691082790 | 1992 | PB
Annals of Mathematics Studies
Princeton University Press

Calculus Reordered
A History of the Big Ideas
David M. Bressoud
$29.95 | £25.00

9780691181318 | 2019 | HB
Princeton University Press

Calculus Reordered
A History of the Big Ideas
David M. Bressoud
$19.95 | £14.99

9780691218786 | 2021 | PB
Princeton University Press

Optimization
Insights and Applications
Jan Brinkhuis, Vladimir Tikhomirov
$130.00 | £100.00

9780691102870 | 2005 | HB
Princeton Series in Applied Mathematics
Princeton University Press

Algebraic Topology and Algebraic K-Theory (AM-113), Volume 113
Proceedings of a Symposium in Honor of John C. Moore. (AM-113)
William Browder
$125.00 | £98.00

9780691084268 | 1992 | PB
Annals of Mathematics Studies

Weyl Group Multiple Dirichlet Series
Type A Combinatorial Theory (AM-175)
Ben Brubaker, Daniel Bump, Solomon Friedberg
$60.00 | £48.00

9780691150666 | 2011 | PB
Annals of Mathematics Studies
Princeton University Press

How Round Is Your Circle?
Where Engineering and Mathematics Meet
John Bryant, Chris Sangwin
$28.95 | £22.00

9780691149929 | 2011 | PB
Princeton University Press

Analytic Theory of Global Bifurcation
An Introduction
Boris Buffoni, John Toland
$80.00 | £62.00

9780691112985 | 2003 | HB
Princeton Series in Applied Mathematics
Princeton University Press

Metric Methods of Finsler Spaces and in the Foundations of Geometry. (AM-8)
Herbert Busemann
$85.00 | £66.00

9780691095714 | 1942 | PB
Annals of Mathematics Studies
Princeton University Press

The Admissible Dual of GL (N) via Compact Open Subgroups. (AM-129), Volume 129
C. Bushnell, P. C. Kutzko
$99.95 | £78.00

9780691021140 | 1993 | PB
Annals of Mathematics Studies
Princeton University Press

How Mathematicians Think
Using Ambiguity, Contradiction, and Paradox to Create Mathematics
William Byers
$24.95 | £20.00

9780691145990 | 2010 | PB
Princeton University Press

Auxiliary Signal Design for Failure Detection
Stephen L. Campbell, Ramine Nikoukhah
$75.00 | £58.00

9780691099873 | 2004 | HB
Princeton Series in Applied Mathematics
Princeton University Press

Introduction to Differential Equations with Dynamical Systems
Stephen L. Campbell, Richard Haberman
$125.00 | £98.00

9780691124742 | 2008 | HB
Princeton University Press

Surveys on Surgery Theory (AM-149), Volume 2
Papers Dedicated to C.T.C. Wall. (AM-149)
Sylvain Cappell, Andrew Ranicki, Jonathan Rosenberg
$115.00 | £90.00

9780691088150 | 2001 | PB
Annals of Mathematics Studies
Princeton University Press

Surveys on Surgery Theory (AM-145), Volume 1
Papers Dedicated to C. T. C. Wall. (AM-145)
Sylvain Cappell, Andrew Ranicki, Jonathan Rosenberg
$115.00 | £90.00

9780691049380 | 2000 | PB
Annals of Mathematics Studies
Princeton University Press

The Master Equation and the Convergence Problem in Mean Field Games
(AMS-201)
Pierre Cardaliaguet, François Delarue, Jean-Michel Lasry, Pierre-Louis Lions
$75.00 | £58.00

9780691190716 | 2019 | PB
Annals of Mathematics Studies

The Master Equation and the Convergence Problem in Mean Field Games
(AMS-201)
Pierre Cardaliaguet, François Delarue, Jean-Michel Lasry, Pierre-Louis Lions
$165.00 | £128.00

9780691190709 | 2019 | HB
Annals of Mathematics Studies

Homological Algebra (PMS -19), Volume 19
Henry Cartan, Samuel Eilenberg
$105.00 | £82.00

9780691049915 | 2000 | PB
Princeton Mathematical Series
Princeton University Press

The Classical and Quantum 6j-symbols. (MN-43), Volume 43
J. Scott Carter, Daniel E. Flath, Masahico Saito
$69.95 | £54.00

9780691027302 | 1996 | PB
Mathematical Notes
Princeton University Press

Complexities
Women in Mathematics
Bettye Anne Case, Anne M. Leggett
$35.00 | £28.00

9780691171098 | 2016 | PB
Princeton University Press

Hodge Theory (MN-49)
Eduardo Cattani, Fouad El Zein, Phillip A. Griffiths, Lê Dung Tráng
$90.00 | £74.00

9780691161341 | 2014 | PB
Mathematical Notes
Oxford University Press

Contributions to the Theory of Nonlinear Oscillations (AM-45), Volume V
Lamberto Cesari, J. LaSalle, Solomon Lefschetz
$105.00 | £82.00

9780691079332 | 1960 | PB
Annals of Mathematics Studies
Princeton University Press

Surface Area. (AM-35), Volume 35
Lamberto Cesari
$125.00 | £98.00

9780691095851 | 1956 | PB
Annals of Mathematics Studies
Princeton University Press

Single Digits
In Praise of Small Numbers
Marc Chamberland
$17.95 | £14.99

9780691175690 | 2017 | PB
Princeton University Press

Single Digits
In Praise of Small Numbers
Marc Chamberland
$26.95 | £20.00

9780691161143 | 2015 | HB
Princeton University Press

Game Theory and Climate Change
Parkash Chander
$80.00 | £62.00

9780231184649 | 2018 | HB
Columbia University Press

Continuous Model Theory. (AM-58), Volume 58
Chen Chung Chang, H. Jerome Keisler
$72.50 | £58.00

9780691079295 | 1966 | PB
Annals of Mathematics Studies
Princeton University Press

A Course on Surgery Theory
(AMS-211)
Stanley Chang, Shmuel Weinberger
$165.00 | £128.00

9780691160481 | 2021 | HB
Annals of Mathematics Studies
Princeton University Press

A Course on Surgery Theory
(AMS-211)
Stanley Chang, Shmuel Weinberger
$75.00 | £58.00

9780691160498 | 2021 | PB
Annals of Mathematics Studies
Princeton University Press

Math Bytes
Google Bombs, Chocolate-Covered Pi, and Other Cool Bits in Computing
Tim P. Chartier
$24.95 | £20.00

9780691160603 | 2014 | HB
Princeton University Press

The Mathematics of Shock Reflection-Diffraction and von Neumann's Conjectures
(AMS-197)
Gui-Qiang G Chen, Mikhail Feldman
$75.00 | £58.00

9780691160559 | 2018 | PB
Annals of Mathematics Studies

The Mathematics of Shock Reflection-Diffraction and von Neumann's Conjectures
(AMS-197)
Gui-Qiang G Chen, Mikhail Feldman
$165.00 | £128.00

9780691160542 | 2018 | HB
Annals of Mathematics Studies

Symmetric Markov Processes, Time Change, and Boundary Theory (LMS -35)
Zhen-Qing Chen, Masatoshi Fukushima
$120.00 | £94.00

9780691136059 | 2011 | HB
London Mathematical Society Monographs
Oxford University Press

Finite Structures with Few Types. (AM-152), Volume 152
Gregory Cherlin, Ehud Hrushovski
$72.50 | £58.00

9780691113326 | 2003 | PB
Annals of Mathematics Studies
Princeton University Press

Theory of Lie Groups (PMS-8), Volume 8
Claude Chevalley
$82.50 | £64.00

9780691049908 | 2000 | PB
Princeton Mathematical Series
Princeton University Press

The Action Principle and Partial Differential Equations. (AM-146), Volume 146
Demetrios Christodoulou
$99.95 | £78.00

9780691049571 | 2000 | PB
Annals of Mathematics Studies
Princeton University Press

The Calculi of Lambda Conversion. (AM-6), Volume 6
Alonzo Church
$53.00 | £42.00

9780691083940 | 1941 | PB
Annals of Mathematics Studies
Princeton University Press

Introduction to Mathematical Logic (PMS-13), Volume 13
Alonzo Church
$90.00 | £70.00

9780691029061 | 1996 | PB
Princeton Landmarks in Mathematics and Physics
Princeton University Press

Office Hours with a Geometric Group Theorist
Matt Clay, Dan Margalit
$55.00 | £44.00

9780691158662 | 2017 | PB
Princeton University Press

Classification of Pseudo-reductive Groups (AM-191)
Brian Conrad, Gopal Prasad
$75.00 | £58.00

9780691167930 | 2015 | PB
Annals of Mathematics Studies
Princeton University Press

Classification of Pseudo-reductive Groups (AM-191)
Brian Conrad, Gopal Prasad
$165.00 | £128.00

9780691167923 | 2015 | HB
Annals of Mathematics Studies
Oxford University Press

In Pursuit of the Traveling Salesman
Mathematics at the Limits of Computation
William J. Cook
$16.95 | £12.99

9780691163529 | 2014 | PB
Princeton University Press

Hyperfunctions on Hypo-Analytic Manifolds (AM-136), Volume 136
Paulo Cordaro, François Treves
$120.00 | £94.00

9780691029924 | 1995 | PB
Annals of Mathematics Studies
Princeton University Press

Mathematical Methods of Statistics (PMS-9), Volume 9
Harald Cramér
$125.00 | £98.00

9780691005478 | 1999 | PB
Princeton Landmarks in Mathematics and Physics
Princeton University Press

Perspective and Projective Geometry
Annalisa Crannell, Marc Frantz, Fumiko Futamura
$49.95 | £40.00

9780691196565 | 2019 | PB
Princeton University Press

Perspective and Projective Geometry
Annalisa Crannell, Marc Frantz, Fumiko Futamura
$125.00 | £98.00

9780691196558 | 2020 | HB
Princeton University Press

Group Theory
Birdtracks, Lie's, and Exceptional Groups
Predrag Cvitanovic
$55.00 | £44.00

9780691202983 | 2020 | PB
Princeton University Press

Group Theory
Birdtracks, Lie's, and Exceptional Groups
Predrag Cvitanovic
$72.50 | £58.00

9780691118369 | 2008 | HB
Princeton University Press

Linear Programming and Extensions
George Dantzig
$125.00 | £98.00

9780691059136 | 1998 | PB
Princeton Landmarks in Mathematics and Physics
Princeton University Press

The Geometry and Topology of Coxeter Groups. (LMS-32)
Michael Davis
$125.00 | £98.00

9780691131382 | 2007 | HB
London Mathematical Society Monographs
Princeton University Press

Mathematics of Wave Propagation
Julian L. Davis
$125.00 | £98.00

9780691026435 | 2000 | HB
Princeton University Press

Commensurabilities among Lattices in PU (1,n). (AM-132), Volume 132
Pierre Deligne, G. Daniel Mostow
$85.00 | £66.00

9780691000961 | 1993 | PB
Annals of Mathematics Studies
Princeton University Press

Analysis of Evolutionary Processes
The Adaptive Dynamics Approach and Its Applications
Fabio Dercole, Sergio Rinaldi
$115.00 | £90.00

9780691120065 | 2008 | HB
Princeton Series in Theoretical and Computational Biology
Princeton University Press

Discrete and Computational Geometry
Satyan L. Devadoss, Joseph O'Rourke
$78.50 | £62.00

9780691145532 | 2011 | HB
Princeton University Press

Finding Fibonacci
The Quest to Rediscover the Forgotten Mathematical Genius Who Changed the World
Keith Devlin
$17.95 | £14.99

9780691192307 | 2019 | PB
Princeton University Press

Finding Fibonacci
The Quest to Rediscover the Forgotten Mathematical Genius Who Changed the World
Keith Devlin
$29.95 | £25.00

9780691174860 | 2017 | HB
Princeton University Press

Magical Mathematics
The Mathematical Ideas That Animate Great Magic Tricks
Persi Diaconis, Ron Graham, Martin Gardner
$29.95 | £25.00

9780691151649 | 2011 | HB
Princeton University Press

Ten Great Ideas about Chance
Persi Diaconis, Brian Skyrms
$27.95 | £22.00

9780691174167 | 2017 | HB
Princeton University Press

Celestial Encounters
The Origins of Chaos and Stability
Florin Diacu, Philip Holmes
$39.95 | £30.00

9780691005454 | 1999 | PB
Princeton Science Library
Princeton University Press

C*-Algebra Extensions and K-Homology. (AM-95), Volume 95
Ronald G. Douglas
$60.00 | £48.00

9780691082660 | 1992 | PB
Annals of Mathematics Studies
Princeton University Press

A Hierarchy of Turing Degrees
A Transfinite Hierarchy of Lowness Notions in the Computably Enumerable Degrees, Unifying Classes, and Natural Definability (AMS-206)
Rod Downey, Noam Greenberg
$165.00 | £128.00

9780691199658 | 2020 | HB

A Hierarchy of Turing Degrees
A Transfinite Hierarchy of Lowness Notions in the Computably Enumerable Degrees, Unifying Classes, and Natural Definability (AMS-206)
Rod Downey, Noam Greenberg
$75.00 | £58.00

9780691199665 | 2020 | PB

Circles Disturbed
The Interplay of Mathematics and Narrative
Apostolos Doxiadis, Barry Mazur
$60.00 | £48.00

9780691149042 | 2012 | HB
Oxford University Press

Advances in Game Theory. (AM-52), Volume 52
Melvin Dresher, Lloyd S. Shapley, Albert William Tucker
$145.00 | £112.00

9780691079028 | 1964 | PB
Annals of Mathematics Studies
Princeton University Press

Contributions to the Theory of Games (AM-39), Volume III
Melvin Dresher, Albert William Tucker, Philip Wolfe
$120.00 | £94.00

9780691079363 | 1957 | PB
Annals of Mathematics Studies
Princeton University Press

Blow-up Theory for Elliptic PDEs in Riemannian Geometry (MN-45)
Olivier Druet, Emmanuel Hebey, Frédéric Robert
$80.00 | £62.00

9780691119533 | 2004 | PB
Mathematical Notes
Princeton University Press

An Introduction to G-Functions. (AM-133), Volume 133
Bernard Dwork, Giovanni Gerotto, Francis J. Sullivan
$105.00 | £82.00

9780691036816 | 1994 | PB
Annals of Mathematics Studies
Princeton University Press

Computational Aspects of Modular Forms and Galois Representations
How One Can Compute in Polynomial Time the Value of Ramanujan's Tau at a Prime (AM-176)
Bas Edixhoven, Jean-Marc Couveignes, Robin de Jong, Franz Merkl, Johan Bosman
$85.00 | £66.00

Harmonic Maps and Minimal Immersions with Symmetries (AM-130), Volume 130
Methods of Ordinary Differential Equations Applied to Elliptic Variational Problems. (AM-130)
James Eells, Andrea Ratto
$99.95 | £78.00

Control Theoretic Splines
Optimal Control, Statistics, and Path Planning
Magnus Egerstedt, Clyde Martin
$72.50 | £58.00

9780691132969 | 2010 | HB
Princeton Series in Applied Mathematics
Princeton University Press

Three-Dimensional Link Theory and Invariants of Plane Curve Singularities. (AM-110), Volume 110
David Eisenbud, Walter D. Neumann
$72.50 | £58.00

9780691083810 | 1992 | PB
Annals of Mathematics Studies
Princeton University Press

Riemannian Geometry
Luther Pfahler Eisenhart
$99.95 | £78.00

9780691023533 | 1997 | PB
Princeton Landmarks in Mathematics and Physics
Princeton University Press

Selfsimilar Processes
Paul Embrechts
$72.50 | £58.00

9780691096278 | 2002 | HB
Princeton Series in Applied Mathematics
Princeton University Press

Agent_Zero
Toward Neurocognitive Foundations for Generative Social Science
Joshua M. Epstein
$52.50 | £44.00

9780691158884 | 2014 | HB
Princeton Studies in Complexity
Oxford University Press

Classical Mathematical Logic
The Semantic Foundations of Logic
Richard L. Epstein, Leslaw W. Szczerba
$140.00 | £108.00

9780691123004 | 2006 | HB
Princeton University Press

Cohomology Operations (AM-50), Volume 50
Lectures by N.E. Steenrod. (AM-50)
David B.A. Epstein
$67.50 | £54.00

9780691079240 | 1992 | PB
Annals of Mathematics Studies
Princeton University Press

Degenerate Diffusion Operators Arising in Population Biology (AM-185)
Charles L. Epstein, Rafe Mazzeo
$84.00 | £65.00

9780691157153 | 2013 | PB
Annals of Mathematics Studies
Princeton University Press

Degenerate Diffusion Operators Arising in Population Biology (AM-185)
Charles L. Epstein, Rafe Mazzeo
$190.00 | £154.00

9780691157122 | 2013 | HB
Annals of Mathematics Studies
Oxford University Press

Totally Nonnegative Matrices
Shaun M. Fallat, Charles Johnson, Charles R. Johnson
$62.50 | £50.00

9780691121574 | 2011 | HB
Princeton Series in Applied Mathematics
Oxford University Press

Lectures on the Arithmetic Riemann-Roch Theorem. (AM-127), Volume 127
Gerd Faltings
$60.00 | £48.00

9780691025445 | 1992 | PB
Annals of Mathematics Studies
Princeton University Press

A Primer on Mapping Class Groups (PMS-49)
Benson Farb, Dan Margalit
$90.00 | £70.00

9780691147949 | 2011 | HB
Princeton Mathematical Series
Oxford University Press

Diffusion, Quantum Theory, and Radically Elementary Mathematics. (MN-47)
William G. Faris
$78.50 | £62.00

9780691125459 | 2006 | PB
Mathematical Notes
Princeton University Press

Thurston's Work on Surfaces (MN-48)
Albert Fathi, François Laudenbach, Valentin Poénaru, Djun Kim, Dan Margalit
$72.50 | £58.00

9780691147352 | 2012 | PB
Mathematical Notes
Princeton University Press

Advances in Analysis
The Legacy of Elias M. Stein
Charles Fefferman, Alexandru D. Ionescu, D.H. Phong, Stephen Wainger
$105.00 | £82.00

9780691159416 | 2014 | HB
Princeton Mathematical Series
Oxford University Press

The Ambient Metric (AM-178)
Charles Fefferman, C. Robin Graham
$67.50 | £54.00

9780691153148 | 2011 | PB
Annals of Mathematics Studies
Princeton University Press

Chaos and Dynamical Systems
Lessons for Complex Systems
David P. Feldman
$35.00 | £28.00

9780691161525 | 2019 | PB
Primers in Complex Systems
Princeton University Press

The Calculus of Happiness
How a Mathematical Approach to Life Adds Up to Health, Wealth, and Love
Oscar Fernandez
$16.95 | £12.99

9780691192314 | 2019 | PB
Princeton University Press

The Calculus of Happiness
How a Mathematical Approach to Life Adds Up to Health, Wealth, and Love
Oscar Fernandez
$24.95 | £20.00

9780691168630 | 2017 | HB
Princeton University Press

Calculus Simplified
Oscar Fernandez
$19.95 | £14.99

9780691175393 | 2019 | PB
Princeton University Press

Everyday Calculus
Discovering the Hidden Math All around Us
Oscar Fernandez
$17.95 | £14.99

9780691175751 | 2017 | PB
Princeton University Press

Everyday Calculus
Discovering the Hidden Math All around Us
Oscar Fernandez
$24.95 | £20.00

9780691157559 | 2014 | HB
Princeton University Press

Hardy Spaces on Homogeneous Groups. (MN-28), Volume 28
Gerald B. Folland, Elias M. Stein
$99.95 | £78.00

9780691083100 | 1992 | PB
Mathematical Notes
Princeton University Press

Harmonic Analysis in Phase Space. (AM-122), Volume 122
Gerald B. Folland
$99.95 | £78.00

9780691085289 | 1992 | PB
Annals of Mathematics Studies
Princeton University Press

Introduction to Partial Differential Equations
Second Edition
Gerald B. Folland
$115.00 | £90.00

9780691043616 | 1996 | HB
Mathematical Notes
Princeton University Press

The Neumann Problem for the Cauchy-Riemann Complex. (AM-75), Volume 75
Gerald B. Folland, Joseph John Kohn
$72.50 | £58.00

9780691081205 | 1992 | PB
Annals of Mathematics Studies
Princeton University Press

Flows in Networks
Lester Randolph Ford Jr., D. R. Fulkerson, Robert G. Bland, James B. Orlin
$38.95 | £30.00

9780691146676 | 2010 | PB
Princeton Landmarks in Mathematics and Physics
Princeton University Press

Recent Developments in Several Complex Variables. (AM-100), Volume 100
John Erik Fornaess
$115.00 | £90.00

9780691082813 | 1992 | PB
Annals of Mathematics Studies
Princeton University Press

Log-Gases and Random Matrices (LMS-34)
Peter J. Forrester
$130.00 | £100.00

9780691128290 | 2010 | HB
London Mathematical Society Monographs
Princeton University Press

Viewpoints
Mathematical Perspective and Fractal Geometry in Art
Marc Frantz, Annalisa Crannell
$49.95 | £40.00

9780691125923 | 2011 | HB
Princeton University Press

Functional Integration and Partial Differential Equations. (AM-109), Volume 109
Mark Iosifovich Freidlin
$140.00 | £108.00

9780691083629 | 1992 | PB
Annals of Mathematics Studies
Princeton University Press

Etale Homotopy of Simplicial Schemes. (AM-104), Volume 104
Eric M. Friedlander
$75.00 | £58.00

9780691083179 | 1992 | PB
Annals of Mathematics Studies
Princeton University Press

Introduction to Toric Varieties. (AM-131), Volume 131
William Fulton
$75.00 | £58.00

9780691000497 | 1993 | PB
Annals of Mathematics Studies
Princeton University Press

Stationary Processes and Prediction Theory. (AM-44), Volume 44
Harry Furstenberg
$105.00 | £82.00

9780691080413 | 1960 | PB
Annals of Mathematics Studies
Princeton University Press

Weil's Conjecture for Function Fields
Volume I (AMS-199)
Dennis Gaitsgory, Jacob Lurie
$75.00 | £58.00

9780691182148 | 2019 | PB
Annals of Mathematics Studies
Princeton University Press

Weil's Conjecture for Function Fields
Volume I (AMS-199)
Dennis Gaitsgory, Jacob Lurie
$165.00 | £128.00

9780691182131 | 2019 | HB
Annals of Mathematics Studies
Princeton University Press

Undiluted Hocus-Pocus
The Autobiography of Martin Gardner
Martin Gardner, Persi Diaconis, James Randi
$19.95 | £14.99

9780691169699 | 2015 | PB
Princeton University Press

Undiluted Hocus-Pocus
The Autobiography of Martin Gardner
Martin Gardner, Persi Diaconis, James Randi
$24.95 | £20.00

9780691159911 | 2013 | HB
Princeton University Press

Formal Verification of Control System Software
Pierre-Loïc Garoche
$55.00 | £44.00

9780691181301 | 2019 | HB
Princeton Series in Applied Mathematics
Princeton University Press

Radon Transforms and the Rigidity of the Grassmannians (AM-156)
Jacques Gasqui, Hubert Goldschmidt
$115.00 | £90.00

9780691118994 | 2004 | PB
Annals of Mathematics Studies
Princeton University Press

Automorphic Forms on Adele Groups. (AM-83), Volume 83
Stephen S. Gelbart
$99.95 | £78.00

9780691081564 | 1992 | PB
Annals of Mathematics Studies
Princeton University Press

Combinatorial Group Theory and Topology. (AM-111), Volume 111
S. M. Gersten, John R. Stallings
$150.00 | £116.00

9780691084107 | 1987 | PB
Annals of Mathematics Studies
Princeton University Press

Multiple Integrals in the Calculus of Variations and Nonlinear Elliptic Systems. (AM-105), Volume 105
Mariano Giaquinta
$99.95 | £78.00

9780691083315 | 1992 | PB
Annals of Mathematics Studies
Princeton University Press

Consistency of the Continuum Hypothesis. (AM-3), Volume 3
Kurt Gödel
$47.95 | £38.00

9780691079271 | 1993 | PB
Annals of Mathematics Studies
Princeton University Press

Hybrid Dynamical Systems
Modeling, Stability, and Robustness
Rafal Goebel, Ricardo G. Sanfelice, Andrew R. Teel
$97.50 | £76.00

9780691153896 | 2012 | HB
Oxford University Press

Polyominoes
Puzzles, Patterns, Problems, and Packings - Revised and Expanded Second Edition
Solomon W. Golomb
$35.00 | £28.00

9780691024448 | 1996 | PB
Princeton Science Library
Princeton University Press

Matrices, Moments and Quadrature with Applications
Gene H. Golub, Gérard Meurant
$90.00 | £70.00

9780691143415 | 2010 | HB
Princeton Series in Applied Mathematics
Princeton University Press

The Ergodic Theory of Lattice Subgroups (AM-172)
Alexander Gorodnik, Amos Nevo
$52.50 | £42.00

9780691141855 | 2009 | PB
Annals of Mathematics Studies
Princeton University Press

The Real Fatou Conjecture. (AM-144), Volume 144
Jacek Graczyk, Grzegorz Swiatek
$67.50 | £54.00

9780691002583 | 1998 | PB
Annals of Mathematics Studies
Princeton University Press

Prime Suspects
The Anatomy of Integers and Permutations
Andrew Granville, Jennifer Granville
$22.95 | £17.99

9780691149158 | 2019 | PB
Princeton University Press

From the Calculus to Set Theory 1630-1910
An Introductory History
I. Grattan-Guinness
$80.00 | £62.00

9780691070827 | 2001 | PB
Princeton University Press

The Search for Mathematical Roots, 1870-1940
Logics, Set Theories and the Foundations of Mathematics from Cantor through Russell to Gödel
I. Grattan–guinnes
$125.00 | £98.00

9780691058580 | 2000 | PB

Henri Poincaré
A Scientific Biography
Jeremy Gray
$42.00 | £32.00

9780691152714 | 2012 | HB
Princeton University Press

Plato's Ghost
The Modernist Transformation of Mathematics
Jeremy Gray
$67.50 | £54.00

9780691136103 | 2008 | HB
Princeton University Press

Mumford-Tate Groups and Domains
Their Geometry and Arithmetic (AM-183)
Mark Green, Phillip A. Griffiths, Matt Kerr
$90.00 | £70.00

9780691154251 | 2012 | PB
Annals of Mathematics Studies
Princeton University Press

Mumford-Tate Groups and Domains
Their Geometry and Arithmetic (AM-183)
Mark Green, Phillip A. Griffiths, Matt Kerr
$205.00 | £158.00

9780691154244 | 2012 | HB
Annals of Mathematics Studies
Oxford University Press

On the Tangent Space to the Space of Algebraic Cycles on a Smooth Algebraic Variety. (AM-157)
Mark Green, Phillip A. Griffiths
$78.50 | £62.00

9780691120447 | 2005 | PB
Annals of Mathematics Studies
Princeton University Press

Numerical Methods
Design, Analysis, and Computer Implementation of Algorithms
Anne Greenbaum, Tim P. Chartier
$115.00 | £90.00

9780691151229 | 2012 | HB
Princeton University Press

Discontinuous Groups and Riemann Surfaces (AM-79), Volume 79
Proceedings of the 1973 Conference at the University of Maryland. (AM-79)
Leon Greenberg
$120.00 | £94.00

9780691081380 | 1992 | PB
Annals of Mathematics Studies

Entropy
Andreas Greven, Gerhard Keller, Gerald Warnecke
$125.00 | £98.00

9780691113388 | 2003 | HB
Princeton Series in Applied Mathematics
Princeton University Press

Differential Systems and Isometric Embeddings.(AM-114), Volume 114
Phillip A. Griffiths, Gary R. Jensen
$85.00 | £66.00

9780691084305 | 1992 | PB
Annals of Mathematics Studies
Princeton University Press

Entire Holomorphic Mappings in One and Several Complex Variables. (AM-85), Volume 85
Phillip A. Griffiths
$62.50 | £50.00

9780691081724 | 1976 | PB
Annals of Mathematics Studies
Princeton University Press

Topics in Transcendental Algebraic Geometry. (AM-106), Volume 106
Phillip A. Griffiths
$115.00 | £90.00

9780691083391 | 1992 | PB
Annals of Mathematics Studies
Princeton University Press

The Real Analysis Lifesaver
All the Tools You Need to Understand Proofs
Raffi Grinberg
$27.95 | £22.00

9780691172934 | 2017 | PB
Princeton Lifesaver Study Guides
Princeton University Press

The Real Analysis Lifesaver
All the Tools You Need to Understand Proofs
Raffi Grinberg
$75.00 | £58.00

9780691173870 | 2017 | HB
Princeton Lifesaver Study Guides
Princeton University Press

Cosmology in (2 + 1) - Dimensions, Cyclic Models, and Deformations of M2,1. (AM-121), Volume 121
Victor Guillemin
$78.50 | £62.00

9780691085142 | 1989 | PB
Annals of Mathematics Studies
Princeton University Press

Seminar on Micro-Local Analysis. (AM-93), Volume 93
Victor Guillemin, Masaki Kashiwara, Takahiro Kawai
$62.50 | £50.00

9780691082325 | 1992 | PB
Annals of Mathematics Studies
Princeton University Press

An Introduction to Analysis
Robert C. Gunning
$75.00 | £58.00

9780691178790 | 2018 | HB
Princeton University Press

Lectures on Modular Forms. (AM-48), Volume 48
Robert C. Gunning
$57.50 | £45.00

9780691079950 | 1992 | PB
Annals of Mathematics Studies
Princeton University Press

Lectures on Vector Bundles over Riemann Surfaces. (MN-6), Volume 6
Robert C. Gunning
$80.00 | £62.00

9780691079981 | 1992 | PB
Mathematical Notes
Princeton University Press

The Mathematician's Mind
The Psychology of Invention in the Mathematical Field
Jaques Hadamard
$35.00 | £28.00

9780691029313 | 1996 | PB
Princeton Science Library
Princeton University Press

Impulsive and Hybrid Dynamical Systems
Stability, Dissipativity, and Control
Wassim M. Haddad, VijaySekhar Chellaboina, Sergey G. Nersesov
$115.00 | £90.00

9780691127156 | 2006 | HB
Princeton Series in Applied Mathematics
Princeton University Press

Nonlinear Dynamical Systems and Control
A Lyapunov-Based Approach
Wassim M. Haddad, Vijaysekhar Chellaboina
$150.00 | £116.00

9780691133294 | 2008 | HB
Princeton University Press

Nonnegative and Compartmental Dynamical Systems
Wassim M. Haddad, VijaySekhar Chellaboina, Qing Hui
$125.00 | £98.00

9780691144115 | 2010 | HB
Princeton University Press

Stability and Control of Large-Scale Dynamical Systems
A Vector Dissipative Systems Approach
Wassim M. Haddad, Sergey G. Nersesov
$120.00 | £94.00

9780691153469 | 2012 | HB
Princeton Series in Applied Mathematics

The Norm Residue Theorem in Motivic Cohomology (AMS-200)
Christian Haesemeyer, Charles A. Weibel
$165.00 | £128.00

9780691181820 | 2019 | HB
Annals of Mathematics Studies
Princeton University Press

The Norm Residue Theorem in Motivic Cohomology (AMS-200)
Christian Haesemeyer, Charles A. Weibel
$75.00 | £58.00

9780691191041 | 2019 | PB
Annals of Mathematics Studies
Princeton University Press

Mathematical Excursions to the World's Great Buildings
Alexander J. Hahn
$60.00 | £48.00

9780691145204 | 2012 | HB
Princeton University Press

Finite Dimensional Vector Spaces. (AM-7), Volume 7
Paul R. Halmos
$70.00 | £54.00

9780691090955 | 2002 | PB
Annals of Mathematics Studies
Princeton University Press

Prime-Detecting Sieves (LMS-33)
Glyn Harman
$115.00 | £90.00

9780691124377 | 2007 | HB
London Mathematical Society Monographs
Princeton University Press

Prime-Detecting Sieves (LMS-33)
Glyn Harman
$75.00 | £58.00

9780691202990 | 2020 | PB
London Mathematical Society Monographs
Princeton University Press

The Geometry and Cohomology of Some Simple Shimura Varieties. (AM-151), Volume 151
Michael Harris, Richard Taylor
$99.95 | £78.00

9780691090924 | 2001 | PB
Annals of Mathematics Studies
Princeton University Press

Mathematics without Apologies
Portrait of a Problematic Vocation
Michael Harris
$22.95 | £17.99

9780691175836 | 2017 | PB
Princeton University Press

Mathematics without Apologies
Portrait of a Problematic Vocation
Michael Harris
$29.95 | £25.00

9780691154237 | 2015 | HB
Princeton University Press

Curves for the Mathematically Curious
An Anthology of the Unpredictable, Historical, Beautiful, and Romantic
Julian Havil
$29.95 | £25.00

9780691180052 | 2019 | HB
Princeton University Press

Gamma
Exploring Euler's Constant
Julian Havil, Freeman Dyson
$18.95 | £14.99

9780691178103 | 2017 | PB
Princeton Science Library
Princeton University Press

Impossible?
Surprising Solutions to Counterintuitive Conundrums
Julian Havil
$22.95 | £17.99

9780691150024 | 2011 | PB
Princeton University Press

The Irrationals
A Story of the Numbers You Can't Count On
Julian Havil
$18.95 | £14.99

9780691163536 | 2014 | PB
Princeton University Press

John Napier
Life, Logarithms, and Legacy
Julian Havil
$37.50 | £30.00

9780691155708 | 2014 | HB
Princeton University Press

Nonplussed!
Mathematical Proof of Implausible Ideas
Julian Havil
$16.95 | £12.99

9780691148229 | 2010 | PB
Princeton University Press

Max Plus at Work
Modeling and Analysis of Synchronized Systems: A Course on Max-Plus Algebra and Its Applications
Bernd Heidergott, Geert Jan Olsder, Jacob van der Woude
$85.00 | £66.00

9780691117638 | 2005 | HB
Princeton Series in Applied Mathematics
Princeton University Press

Fundamental Papers in Wavelet Theory
Christopher Heil, David F. Walnut, Ingrid Daubechies
$115.00 | £90.00

9780691127057 | 2006 | PB
Princeton University Press

The Proof and the Pudding
What Mathematicians, Cooks, and You Have in Common
Jim Henle
$26.95 | £20.00

9780691164861 | 2015 | HB
Princeton University Press

Quantization of Gauge Systems
Marc Henneaux, Claudio Teitelboim
$125.00 | £98.00

9780691037691 | 1994 | PB
Princeton University Press

Loving and Hating Mathematics
Challenging the Myths of Mathematical Life
Reuben Hersh, Vera John-Steiner
$29.95 | £25.00

9780691142470 | 2011 | HB
Princeton University Press

Linear Systems Theory
Second Edition
João P. Hespanha
$85.00 | £66.00

9780691179575 | 2018 | HB
Princeton University Press

Noncooperative Game Theory
An Introduction for Engineers and Computer Scientists
João P. Hespanha
$65.00 | £50.00

9780691175218 | 2017 | HB
Princeton University Press

Sacred Mathematics
Japanese Temple Geometry
Fukagawa Hidetoshi, Tony Rothman, Freeman Dyson
$62.50 | £50.00

9780691127453 | 2008 | HB
Princeton University Press

Smoothings of Piecewise Linear Manifolds. (AM-80), Volume 80
Morris W. Hirsch, Barry Mazur
$72.50 | £58.00

9780691081458 | 1992 | PB
Annals of Mathematics Studies
Princeton University Press

Algebraic Curves over a Finite Field
J. W. P. Hirschfeld, G. Korchmáros, F. Torres
$140.00 | £108.00

9780691096797 | 2008 | HB
Princeton Series in Applied Mathematics
Princeton University Press

Prospects in Mathematics. (AM-70), Volume 70
Friedrich Hirzebruch, Lars Hörmander, John Milnor, Jean-Pierre Serre, I. M. Singer
$72.50 | £58.00

9780691080949 | 1971 | PB
Annals of Mathematics Studies
Princeton University Press

Hadamard Matrices and Their Applications
K. J. Horadam
$87.50 | £68.00

9780691119212 | 2006 | HB
Princeton University Press

Seminar on Singularities of Solutions of Linear Partial Differential Equations. (AM-91), Volume 91
Lars Hörmander
$90.00 | £70.00

9780691082134 | 1979 | PB
Annals of Mathematics Studies
Princeton University Press

Non-Archimedean Tame Topology and Stably Dominated Types (AM-192)
Ehud Hrushovski, François Loeser
$75.00 | £58.00

9780691161693 | 2016 | PB
Annals of Mathematics Studies
Princeton University Press

Non-Archimedean Tame Topology and Stably Dominated Types (AM-192)
Ehud Hrushovski, François Loeser
$165.00 | £128.00

9780691161686 | 2016 | HB
Annals of Mathematics Studies
Oxford University Press

Mythematics
Solving the Twelve Labors of Hercules
Michael Huber
$24.95 | £20.00

9780691135755 | 2009 | HB
Princeton University Press

Mythematics
Solving the Twelve Labors of Hercules
Michael Huber
$20.95 | £16.99

9780691164687 | 2014 | PB
Princeton University Press

Fourier Restriction for Hypersurfaces in Three Dimensions and Newton Polyhedra (AM-194)
Isroil A. Ikromov, Detlef Müller
$75.00 | £58.00

9780691170558 | 2016 | PB
Annals of Mathematics Studies
Princeton University Press

Fourier Restriction for Hypersurfaces in Three Dimensions and Newton Polyhedra (AM-194)
Isroil A. Ikromov, Detlef Müller
$165.00 | £128.00

9780691170541 | 2016 | HB
Annals of Mathematics Studies
Oxford University Press

Mathematics in Ancient Egypt
A Contextual History
Annette Imhausen
$35.00 | £28.00

9780691209074 | 2020 | PB
Princeton University Press

Mathematics in Ancient Egypt
A Contextual History
Annette Imhausen
$45.00 | £35.00

9780691117133 | 2016 | HB
Princeton University Press

Lectures on P-Adic L-Functions. (AM-74), Volume 74
Kinkichi Iwasawa
$60.00 | £48.00

9780691081120 | 1972 | PB
Annals of Mathematics Studies
Princeton University Press

Invitation to Mathematics
Konrad Jacobs
$67.50 | £54.00

9780691025285 | 1992 | PB
Princeton University Press

Selectors
John E. Jayne, C. Ambrose Rogers
$95.00 | £74.00

9780691096285 | 2002 | HB
Princeton University Press

Statistical Inference via Convex Optimization
Anatoli Juditsky, Arkadi Nemirovski
$85.00 | £66.00

9780691197296 | 2020 | HB
Princeton Series in Applied Mathematics
Princeton University Press

Semiclassical Soliton Ensembles for the Focusing Nonlinear Schrödinger Equation (AM-154)
Spyridon Kamvissis, Kenneth D.T-R McLaughlin, Peter D. Miller
$78.50 | £62.00

9780691114828 | 2003 | PB
Annals of Mathematics Studies

Classifying Spaces of Degenerating Polarized Hodge Structures. (AM-169)
Kazuya Kato, Sampei Usui
$85.00 | £66.00

9780691138220 | 2008 | PB
Annals of Mathematics Studies
Princeton University Press

Arithmetic Moduli of Elliptic Curves. (AM-108), Volume 108
Nicholas M. Katz, Barry Mazur
$125.00 | £98.00

9780691083520 | 2002 | PB
Annals of Mathematics Studies
Princeton University Press

Convolution and Equidistribution
Sato-Tate Theorems for Finite-Field Mellin Transforms (AM-180)
Nicholas M. Katz
$90.00 | £70.00

9780691153315 | 2012 | PB
Annals of Mathematics Studies
Princeton University Press

Convolution and Equidistribution
Sato-Tate Theorems for Finite-Field Mellin Transforms (AM-180)
Nicholas M. Katz
$205.00 | £158.00

9780691153308 | 2012 | HB
Annals of Mathematics Studies
Oxford University Press

Exponential Sums and Differential Equations. (AM-124), Volume 124
Nicholas M. Katz
$105.00 | £82.00

9780691085999 | 1992 | PB
Annals of Mathematics Studies
Princeton University Press

Gauss Sums, Kloosterman Sums, and Monodromy Groups. (AM-116), Volume 116
Nicholas M. Katz
$90.00 | £70.00

9780691084336 | 1992 | PB
Annals of Mathematics Studies
Princeton University Press

The Mathematics of Egypt, Mesopotamia, China, India, and Islam
A Sourcebook
Victor J. Katz, Annette Imhausen, Eleanor Robson, Joseph Warren Dauben, Kim Plofker
$125.00 | £98.00

9780691114859 | 2007 | HB

Moments, Monodromy, and Perversity. (AM-159)
A Diophantine Perspective. (AM-159)
Nicholas M. Katz
$125.00 | £98.00

9780691123301 | 2005 | PB
Annals of Mathematics Studies
Princeton University Press

Rigid Local Systems. (AM-139), Volume 139
Nicholas M. Katz
$90.00 | £70.00

9780691011189 | 1996 | PB
Annals of Mathematics Studies
Princeton University Press

Sourcebook in the Mathematics of Medieval Europe and North Africa
Victor J. Katz, Menso Folkerts, Barnabas Hughes, Roi Wagner, J. Lennart Berggren
$95.00 | £74.00

9780691156859 | 2016 | HB
Princeton University Press

Taming the Unknown
A History of Algebra from Antiquity to the Early Twentieth Century
Victor J. Katz, Karen Hunger Parshall
$35.00 | £28.00

9780691204079 | 2020 | PB
Princeton University Press

Taming the Unknown
A History of Algebra from Antiquity to the Early Twentieth Century
Victor J. Katz, Karen Hunger Parshall
$49.50 | £42.00

9780691149059 | 2014 | HB
Oxford University Press

Twisted L-Functions and Monodromy. (AM-150), Volume 150
Nicholas M. Katz
$90.00 | £70.00

9780691091518 | 2002 | PB
Annals of Mathematics Studies
Princeton University Press

On Knots. (AM-115), Volume 115
Louis H. Kauffman
$125.00 | £98.00

9780691084350 | 1992 | PB
Annals of Mathematics Studies
Princeton University Press

Temperley-Lieb Recoupling Theory and Invariants of 3-Manifolds (AM-134), Volume 134
Louis H. Kauffman, Sostenes Lins
$115.00 | £90.00

9780691036403 | 1994 | PB
Annals of Mathematics Studies
Princeton University Press

Millions, Billions, Zillions
Defending Yourself in a World of Too Many Numbers
Brian W. Kernighan
$22.95 | £17.99

9780691182773 | 2018 | HB
Princeton University Press

Foundational Essays on Topological Manifolds, Smoothings, and Triangulations. (AM-88), Volume 88
Robion C. Kirby, Laurence C. Siebenmann
$115.00 | £90.00

9780691081915 | 1997 | PB
Annals of Mathematics Studies

Cohomology of Quotients in Symplectic and Algebraic Geometry. (MN-31), Volume 31
Frances Clare Kirwan
$85.00 | £66.00

9780691083704 | 1992 | PB
Mathematical Notes
Princeton University Press

Modeling with Data
Tools and Techniques for Scientific Computing
Ben Klemens
$99.95 | £78.00

9780691133140 | 2008 | HB
Princeton University Press

Cohomological Induction and Unitary Representations (PMS-45), Volume 45
Anthony W. Knapp, David A. Vogan Jr.
$199.95 | £154.00

9780691037561 | 1995 | HB
Princeton Mathematical Series
Princeton University Press

Elliptic Curves. (MN-40), Volume 40
Anthony W. Knapp
$125.00 | £98.00

9780691085593 | 1993 | PB
Mathematical Notes
Princeton University Press

Lie Groups, Lie Algebras, and Cohomology. (MN-34), Volume 34
Anthony W. Knapp
$140.00 | £108.00

9780691084985 | 1992 | PB
Mathematical Notes
Princeton University Press

Representation Theory of Semisimple Groups
An Overview Based on Examples (PMS-36)
Anthony W. Knapp
$150.00 | £116.00

9780691090894 | 2001 | PB
Princeton Mathematical Series
Princeton University Press

Lectures on Resolution of Singularities (AM-166)
János Kollár
$62.50 | £50.00

9780691129235 | 2007 | PB
Annals of Mathematics Studies
Princeton University Press

Riemann Surfaces Related Topics (AM-97), Volume 97
Proceedings of the 1978 Stony Brook Conference. (AM-97)
Irwin Kra, Bernard Maskit
$140.00 | £108.00

9780691082677 | 1992 | PB
Annals of Mathematics Studies
Princeton University Press

The Nature and Growth of Modern Mathematics
Edna Ernestine Kramer
$150.00 | £116.00

9780691023724 | 1992 | PB
Princeton University Press

Supersingular p-adic L-functions, Maass-Shimura Operators and Waldspurger Formulas (AMS-212)
Daniel Kriz
$75.00 | £58.00

9780691216461 | 2021 | PB
Annals of Mathematics Studies
Princeton University Press

Supersingular p-adic L-functions, Maass-Shimura Operators and Waldspurger Formulas (AMS-212)
Daniel Kriz
$165.00 | £128.00

9780691216478 | 2021 | HB
Annals of Mathematics Studies
Princeton University Press

Introduction to Non-Linear Mechanics. (AM-11), Volume 11
Nikolai Mitrofanovich Krylov, Nikolai Nikolaevich Bogoliubov
$46.00 | £36.00

9780691079851 | 1949 | PB
Annals of Mathematics Studies
Princeton University Press

Modular Forms and Special Cycles on Shimura Curves. (AM-161)
Stephen S. Kudla, Michael Rapoport, Tonghai Yang
$99.95 | £78.00

9780691125510 | 2006 | PB
Annals of Mathematics Studies
Princeton University Press

Contributions to the Theory of Games (AM-28), Volume II
Harold William Kuhn, Albert William Tucker
$115.00 | £90.00

9780691079356 | 1953 | PB
Annals of Mathematics Studies
Princeton University Press

Contributions to the Theory of Games (AM-24), Volume I
Harold William Kuhn, Albert William Tucker
$80.00 | £62.00

9780691079349 | 1950 | PB
Annals of Mathematics Studies
Princeton University Press

Lectures on the Theory of Games (AM-37)
Harold William Kuhn
$60.00 | £48.00

9780691027722 | 2003 | PB
Annals of Mathematics Studies
Princeton University Press

Linear Inequalities and Related Systems. (AM-38), Volume 38
Harold William Kuhn, Albert William Tucker
$115.00 | £90.00

9780691079998 | 1992 | PB
Annals of Mathematics Studies
Princeton University Press

Quaternions and Rotation Sequences
A Primer with Applications to Orbits, Aerospace and Virtual Reality
J. B. Kuipers
$99.95 | £78.00

9780691102986 | 2002 | PB
Princeton University Press

Lie Equations, Vol. I
General Theory. (AM-73)
Antonio Kumpera, Donald Clayton Spencer
$105.00 | £82.00

9780691081113 | 1992 | PB
Annals of Mathematics Studies
Princeton University Press

Arithmetic Compactifications of PEL-Type Shimura Varieties
Kai-Wen Lan
$175.00 | £140.00

9780691156545 | 2013 | HB
London Mathematical Society Monographs
Oxford University Press

Power-Up
Unlocking the Hidden Mathematics in Video Games
Matthew Lane
$18.95 | £14.99

9780691196381 | 2019 | PB
Princeton University Press

Power-Up
Unlocking the Hidden Mathematics in Video Games
Matthew Lane
$29.95 | £25.00

9780691161518 | 2017 | HB
Princeton University Press

Google's PageRank and Beyond
The Science of Search Engine Rankings
Amy N. Langville, Carl D. Meyer
$29.95 | £25.00

9780691152660 | 2012 | PB
Princeton University Press

Normal Two-Dimensional Singularities. (AM-71), Volume 71
Henry B. Laufer
$72.50 | £58.00

9780691081007 | 1992 | PB
Annals of Mathematics Studies
Princeton University Press

Spin Geometry (PMS-38), Volume 38
H. Blaine Lawson, Marie-Louise Michelsohn
$175.00 | £135.00

9780691085425 | 1992 | HB
Princeton Mathematical Series
Princeton University Press

Scattering Theory for Automorphic Functions. (AM-87), Volume 87
Peter D. Lax, Ralph S. Phillips
$105.00 | £82.00

9780691081847 | 1977 | PB
Annals of Mathematics Studies
Princeton University Press

Approximating Perfection
A Mathematician's Journey into the World of Mechanics
Leonid P. Lebedev, Michael J. Cloud
$24.95 | £20.00

9780691168265 | 2015 | PB
Princeton University Press

Contributions to the Theory of Nonlinear Oscillations (AM-41), Volume IV
Solomon Lefschetz
$87.50 | £68.00

9780691079325 | 1958 | PB
Annals of Mathematics Studies
Princeton University Press

Contributions to the Theory of Nonlinear Oscillations (AM-36), Volume III
Solomon Lefschetz
$99.95 | £78.00

9780691079110 | 1956 | PB
Annals of Mathematics Studies
Princeton University Press

Contributions to the Theory of Nonlinear Oscillations (AM-29), Volume II
Solomon Lefschetz
$60.00 | £48.00

9780691095813 | 1953 | PB
Annals of Mathematics Studies
Princeton University Press

Contributions to the Theory of Nonlinear Oscillations (AM-20), Volume I
Solomon Lefschetz
$105.00 | £82.00

9780691079318 | 1950 | PB
Annals of Mathematics Studies
Princeton University Press

Lectures on Differential Equations. (AM-14), Volume 14
Solomon Lefschetz
$87.50 | £68.00

9780691083957 | 1946 | PB
Annals of Mathematics Studies
Princeton University Press

Topics in Topology. (AM-10), Volume 10
Solomon Lefschetz
$62.50 | £50.00

9780691095738 | 1942 | PB
Annals of Mathematics Studies
Princeton University Press

Data Analysis for Complex Systems
A Linear Algebra Approach
Greg Leibon, Scott Pauls, Dan Rockmore
$35.00 | £28.00

9780691139180 | 2022 | PB
Primers in Complex Systems
Princeton University Press

Global Surgery Formula for the Casson-Walker Invariant. (AM-140), Volume 140
Christine Lescop
$75.00 | £58.00

9780691021324 | 1996 | PB
Annals of Mathematics Studies
Princeton University Press

Why Cats Land on Their Feet
And 76 Other Physical Paradoxes and Puzzles
Mark Levi
$19.95 | £14.99

9780691148540 | 2012 | PB
Princeton University Press

Essential Discrete Mathematics for Computer Science
Harry Lewis, Rachel Zax
$75.00 | £58.00

9780691179292 | 2019 | HB
Princeton University Press

Probleme General de la Stabilite du Mouvement. (AM-17), Volume 17
Alexandr Mikhailovich Liapounoff
$90.00 | £70.00

9780691095769 | 1947 | PB
Annals of Mathematics Studies
Princeton University Press

Calculus of Variations and Optimal Control Theory
A Concise Introduction
Daniel Liberzon
$90.00 | £70.00

9780691151878 | 2012 | HB
Princeton University Press

Fréchet Differentiability of Lipschitz Functions and Porous Sets in Banach Spaces (AM-179)
Joram Lindenstrauss, David Preiss, Jaroslav Tišer
$90.00 | £70.00

9780691153568 | 2012 | PB
Annals of Mathematics Studies
Princeton University Press

Fréchet Differentiability of Lipschitz Functions and Porous Sets in Banach Spaces (AM-179)
Joram Lindenstrauss, David Preiss, Jaroslav Tišer
$205.00 | £158.00

9780691153551 | 2012 | HB
Annals of Mathematics Studies
Oxford University Press

Three Views of Logic
Mathematics, Philosophy, and Computer Science
Donald W. Loveland, Richard E. Hodel, S. G. Sterrett
$52.50 | £42.00

9780691160443 | 2014 | PB
Princeton University Press

Pseudorandomness and Cryptographic Applications
Michael Luby
$90.00 | £70.00

9780691025469 | 1996 | PB
Princeton Computer Science Notes
Princeton University Press

Mathematical Theory of Optics
R. K. Luneburg
$49.95 | £39.00

9780520328259 | 2021 | PB
University of California Press

Mathematical Theory of Optics
R. K. Luneburg
$85.00 | £66.00

9780520368507 | 2021 | HB
University of California Press

Statistics in Theory and Practice
Robert Lupton
$95.00 | £74.00

9780691074290 | 1993 | HB
Princeton University Press

Higher Topos Theory (AM-170)
Jacob Lurie
$90.00 | £70.00

9780691140490 | 2009 | PB
Annals of Mathematics Studies
Princeton University Press

Characters of Reductive Groups over a Finite Field. (AM-107), Volume 107
George Lusztig
$120.00 | £94.00

9780691083513 | 1992 | PB
Annals of Mathematics Studies
Princeton University Press

Discrete Series of GLn Over a Finite Field. (AM-81), Volume 81
George Lusztig
$62.50 | £50.00

9780691081540 | 1992 | PB
Annals of Mathematics Studies
Princeton University Press

Honors Calculus
Charles R. MacCluer
$75.00 | £58.00

9780691125336 | 2006 | HB
Princeton University Press

Classifying Spaces for Surgery and Corbordism of Manifolds. (AM-92), Volume 92
Ib Madsen, R. James Milgram
$99.95 | £78.00

9780691082264 | 1992 | PB
Annals of Mathematics Studies
Princeton University Press

Beautiful Geometry
Eli Maor, Eugen Jost
$22.95 | £17.99

9780691175881 | 2017 | PB
Princeton University Press

Music by the Numbers
From Pythagoras to Schoenberg
Eli Maor
$24.95 | £20.00

9780691176901 | 2018 | HB
Princeton University Press

The Pythagorean Theorem
A 4,000-Year History
Eli Maor
$17.95 | £14.99

9780691196886 | 2019 | PB
Princeton Science Library
Princeton University Press

The Pythagorean Theorem
A 4,000-Year History
Eli Maor
$17.95 | £14.99

9780691148236 | 2010 | PB
Princeton Science Library
Princeton University Press

Trigonometric Delights
Eli Maor
$18.95 | £14.99

9780691158204 | 2013 | PB
Princeton Science Library
Princeton University Press

Random Fourier Series with Applications to Harmonic Analysis. (AM-101), Volume 101
Michael B. Marcus, Gilles Pisier
$67.50 | £54.00

9780691082929 | 1992 | PB
Annals of Mathematics Studies
Princeton University Press

Negative Math
How Mathematical Rules Can Be Positively Bent
Alberto A. Martínez
$21.95 | £16.99

9780691133911 | 2014 | PB
Princeton University Press

Enlightening Symbols
A Short History of Mathematical Notation and Its Hidden Powers
Joseph Mazur
$19.95 | £14.99

9780691173375 | 2016 | PB
Princeton University Press

Enlightening Symbols
A Short History of Mathematical Notation and Its Hidden Powers
Joseph Mazur
$31.95 | £25.00

9780691154633 | 2014 | HB
Princeton University Press

What's Luck Got to Do with It?
The History, Mathematics, and Psychology of the Gambler's Illusion
Joseph Mazur
$29.95 | £25.00

9780691138909 | 2010 | HB
Princeton University Press

The Joy of SET
The Many Mathematical Dimensions of a Seemingly Simple Card Game
Liz Mcmahon, Gary Gordon, Hannah Gordon, Rebecca Gordon
$19.95 | £14.99

9780691192321 | 2019 | PB
Princeton University Press

The Joy of SET
The Many Mathematical Dimensions of a Seemingly Simple Card Game
Liz McMahon, Gary Gordon, Hannah Gordon, Rebecca Gordon
$29.95 | £25.00

9780691166148 | 2016 | HB
Princeton University Press

Complex Dynamics and Renormalization (AM-135), Volume 135
Curtis T. McMullen
$78.50 | £62.00

9780691029818 | 1995 | PB
Annals of Mathematics Studies
Princeton University Press

Renormalization and 3-Manifolds Which Fiber over the Circle (AM-142), Volume 142
Curtis T. McMullen
$87.50 | £68.00

9780691011530 | 1996 | PB
Annals of Mathematics Studies
Princeton University Press

The Seduction of Curves
The Lines of Beauty That Connect Mathematics, Art, and the Nude
Allan McRobie, Helena Weightman
$35.00 | £28.00

9780691175331 | 2017 | HB
Princeton University Press

Order-Preserving Maps and Integration Processes. (AM-31), Volume 31
Edward J. McShane
$60.00 | £48.00

9780691095820 | 1953 | PB
Annals of Mathematics Studies
Princeton University Press

Graph Theoretic Methods in Multiagent Networks
Mehran Mesbahi, Magnus Egerstedt
$78.50 | £62.00

9780691140612 | 2010 | HB
Princeton Series in Applied Mathematics
Princeton University Press

Benford's Law
Theory and Applications
Steven J. Miller
$78.50 | £62.00

9780691147611 | 2015 | HB
Oxford University Press

On Group-Theoretic Decision Problems and Their Classification. (AM-68), Volume 68
Charles F. Miller III
$62.50 | £50.00

9780691080918 | 1992 | PB
Annals of Mathematics Studies
Princeton University Press

An Invitation to Modern Number Theory
Steven J. Miller, Ramin Takloo–bighash
$99.95 | £78.00

9780691120607 | 2006 | HB
Princeton University Press

The Probability Lifesaver
All the Tools You Need to Understand Chance
Steven J. Miller
$29.95 | £25.00

9780691149554 | 2017 | PB
Princeton Lifesaver Study Guides
Princeton University Press

The Probability Lifesaver
All the Tools You Need to Understand Chance
Steven J. Miller
$99.50 | £78.00

9780691149547 | 2017 | HB
Princeton Lifesaver Study Guides
Princeton University Press

Characteristic Classes. (AM-76), Volume 76
John Milnor, James D. Stasheff
$115.00 | £90.00

9780691081229 | 1992 | PB
Annals of Mathematics Studies
Princeton University Press

Dynamics in One Complex Variable. (AM-160)
(AM-160) - Third Edition
John Milnor
$85.00 | £66.00

9780691124889 | 2006 | PB
Annals of Mathematics Studies
Princeton University Press

Introduction to Algebraic K-Theory. (AM-72), Volume 72
L.p. Milnor
$72.50 | £58.00

9780691081014 | 1992 | PB
Annals of Mathematics Studies
Princeton University Press

Morse Theory. (AM-51), Volume 51
John Milnor
$72.50 | £58.00

9780691080086 | 1992 | PB
Annals of Mathematics Studies
Princeton University Press

Singular Points of Complex Hypersurfaces. (AM-61), Volume 61
John Milnor
$62.50 | £50.00

9780691080659 | 1997 | PB
Annals of Mathematics Studies
Princeton University Press

Topology from the Differentiable Viewpoint
John Milnor
$46.00 | £36.00

9780691048338 | 1998 | PB
Princeton Landmarks in Mathematics and Physics
Princeton University Press

On the Cohomology of Certain Non-Compact Shimura Varieties (AM-173)
Sophie Morel
$60.00 | £48.00

9780691142937 | 2010 | PB
Annals of Mathematics Studies
Princeton University Press

The Seiberg-Witten Equations and Applications to the Topology of Smooth Four-Manifolds. (MN-44), Volume 44
John W. Morgan
$62.50 | £50.00

9780691025971 | 1996 | PB
Mathematical Notes
Princeton University Press

Theoretical Acoustics
Philip M. Morse, K. Uno Ingard
$150.00 | £116.00

9780691024011 | 1992 | PB
Princeton University Press

Topological Methods in the Theory of Functions of a Complex Variable. (AM-15), Volume 15
Marston Morse
$60.00 | £48.00

9780691095028 | 1947 | PB
Annals of Mathematics Studies
Princeton University Press

Strong Rigidity of Locally Symmetric Spaces. (AM-78), Volume 78
G. Daniel Mostow
$75.00 | £58.00

9780691081366 | 1992 | PB
Annals of Mathematics Studies
Princeton University Press

Descent in Buildings (AM-190)
Bernhard Mühlherr, Holger P. Petersson, Richard M. Weiss
$75.00 | £58.00

9780691166919 | 2015 | PB
Annals of Mathematics Studies
Princeton University Press

Descent in Buildings (AM-190)
Bernhard Mühlherr, Holger P. Petersson, Richard M. Weiss
$165.00 | £128.00

9780691166902 | 2015 | HB
Annals of Mathematics Studies
Oxford University Press

Lectures on Curves on an Algebraic Surface. (AM-59), Volume 59
David Mumford
$75.00 | £58.00

9780691079936 | 1992 | PB
Annals of Mathematics Studies
Princeton University Press

Elementary Differential Topology. (AM-54), Volume 54
James R. Munkres
$57.50 | £45.00

9780691090931 | 1966 | PB
Annals of Mathematics Studies
Princeton University Press

An Introduction to Linear Transformations in Hilbert Space. (AM-4), Volume 4
Francis Joseph Murray
$60.00 | £48.00

9780691095691 | 1941 | PB
Annals of Mathematics Studies
Princeton University Press

Lectures on Pseudo-Differential Operators
Regularity Theorems and Applications to Non-Elliptic Problems. (MN-24)
Alexander Nagel, Elias M. Stein
$74.95 | £58.00

9780691630854 | 2019 | HB
Princeton Legacy Library
Princeton University Press

Lectures on Pseudo-Differential Operators
Regularity Theorems and Applications to Non-Elliptic Problems. (MN-24)
Alexander Nagel, Elias M. Stein
$29.95 | £25.00

9780691601090 | 2015 | PB
Princeton Legacy Library
Princeton University Press

Chases and Escapes
The Mathematics of Pursuit and Evasion
Paul J. Nahin
$18.95 | £14.99

9780691155012 | 2012 | PB
Princeton Puzzlers
Princeton University Press

Digital Dice
Computational Solutions to Practical Probability Problems
Paul J. Nahin
$19.95 | £14.99

9780691158211 | 2013 | PB
Princeton Puzzlers
Princeton University Press

Duelling Idiots and Other Probability Puzzlers
Paul J. Nahin
$18.95 | £14.99

9780691155005 | 2012 | PB
Princeton Puzzlers
Princeton University Press

How to Fall Slower Than Gravity
And Other Everyday (and Not So Everyday) Uses of Mathematics and Physical Reasoning
Paul J. Nahin
$27.95 | £22.00

9780691176918 | 2018 | HB
Princeton University Press

The Logician and the Engineer
How George Boole and Claude Shannon Created the Information Age
Paul J. Nahin
$17.95 | £14.99

9780691176000 | 2017 | PB
Princeton University Press

Mrs. Perkins's Electric Quilt
And Other Intriguing Stories of Mathematical Physics
Paul J. Nahin
$29.95 | £25.00

9780691135403 | 2009 | HB
Princeton University Press

Number-Crunching
Taming Unruly Computational Problems from Mathematical Physics to Science Fiction
Paul J. Nahin
$29.95 | £25.00

9780691144252 | 2011 | HB
Princeton University Press

When Least Is Best
How Mathematicians Discovered Many Clever Ways to Make Things as Small (or as Large) as Possible
Paul J. Nahin
$24.95 | £20.00

9780691130521 | 2007 | PB
Princeton University Press

Will You Be Alive 10 Years from Now?
And Numerous Other Curious Questions in Probability
Paul J. Nahin
$18.95 | £14.99

9780691196367 | 2019 | PB
Princeton University Press

Will You Be Alive 10 Years from Now?
And Numerous Other Curious Questions in Probability
Paul J. Nahin
$27.95 | £22.00

9780691156804 | 2013 | HB
Princeton University Press

Visual Differential Geometry and Forms
A Mathematical Drama in Five Acts
Tristan Needham
$45.00 | £35.00

9780691203706 | 2021 | PB
Princeton University Press

Visual Differential Geometry and Forms
A Mathematical Drama in Five Acts
Tristan Needham
$125.00 | £98.00

9780691203690 | 2021 | HB
Princeton University Press

Triangulated Categories. (AM-148), Volume 148
Amnon Neeman
$115.00 | £90.00

9780691086866 | 2001 | PB
Annals of Mathematics Studies
Princeton University Press

Dynamical Theories of Brownian Motion
Edward Nelson
$30.95 | £25.00

9780691079509 | 2008 | PB
Mathematical Notes
Princeton University Press

Radically Elementary Probability Theory. (AM-117), Volume 117
Edward Nelson
$60.00 | £48.00

9780691084749 | 1992 | PB
Annals of Mathematics Studies
Princeton University Press

Knot Groups. Annals of Mathematics Studies. (AM-56), Volume 56
Lee Paul Neuwirth
$62.50 | £50.00

9780691079912 | 1992 | PB
Annals of Mathematics Studies
Princeton University Press

Knots, Groups and 3-Manifolds (AM-84), Volume 84
Papers Dedicated to the Memory of R.H. Fox. (AM-84)
Lee Paul Neuwirth
$99.95 | £78.00

9780691081700 | 1992 | PB
Annals of Mathematics Studies
Princeton University Press

The Structure and Dynamics of Networks
Mark Newman, Albert–laszlo Barabasi, Duncan Watts, Albert–lászló Barabási, Duncan J. Watts
$95.00 | £74.00

9780691113579 | 2006 | PB
Princeton Studies in Complexity
Princeton University Press

Algebraic Geometry in Coding Theory and Cryptography
Harald Niederreiter, Chaoping Xing
$67.50 | £54.00

9780691102887 | 2009 | HB
Princeton University Press

The Mathematical Century
The 30 Greatest Problems of the Last 100 Years
Piergiorgio Odifreddi, Arturo Sangalli, Freeman Dyson
$28.95 | £22.00

9780691128054 | 2006 | PB
Princeton University Press

99 Variations on a Proof
Philip Ording
$24.95 | £20.00

9780691158839 | 2019 | HB
Princeton University Press

Analysis of Heat Equations on Domains. (LMS-31)
El-Maati Ouhabaz
$120.00 | £94.00

9780691120164 | 2004 | HB
London Mathematical Society Monographs
Princeton University Press

Seminar on Atiyah-Singer Index Theorem. (AM-57), Volume 57
Richard S. Palais
$115.00 | £90.00

9780691080314 | 1965 | PB
Annals of Mathematics Studies
Princeton University Press

Benjamin Franklin's Numbers
An Unsung Mathematical Odyssey
Paul C. Pasles
$26.95 | £20.00

9780691129563 | 2007 | HB
Princeton University Press

Self-Regularity
A New Paradigm for Primal-Dual Interior-Point Algorithms
Jiming Peng, Cornelis Roos, Tamás Terlaky
$85.00 | £66.00

9780691091938 | 2002 | PB
Princeton Series in Applied Mathematics
Princeton University Press

Combinatorics of Train Tracks. (AM-125), Volume 125
R. C. Penner, John L. Harer
$90.00 | £70.00

9780691025315 | 1992 | PB
Annals of Mathematics Studies
Princeton University Press

The Zen of Magic Squares, Circles, and Stars
An Exhibition of Surprising Structures across Dimensions
Clifford A. Pickover
$38.95 | £30.00

9780691115979 | 2004 | PB
Princeton University Press

The Best Writing on Mathematics 2010
Mircea Pitici, William P. Thurston
$20.95 | £16.99

9780691148410 | 2011 | PB
The Best Writing on Mathematics
Princeton University Press

The Best Writing on Mathematics 2011
Mircea Pitici, Freeman Dyson
$19.95 | £14.99

9780691153155 | 2011 | PB
The Best Writing on Mathematics
Princeton University Press

The Best Writing on Mathematics 2012
Mircea Pitici, David Mumford
$19.95 | £14.99

9780691156552 | 2012 | PB
The Best Writing on Mathematics
Princeton University Press

The Best Writing on Mathematics 2013
Mircea Pitici, Roger Penrose
$21.95 | £16.99

9780691160412 | 2014 | PB
The Best Writing on Mathematics
Princeton University Press

The Best Writing on Mathematics 2014
Mircea Pitici
$24.95 | £20.00

9780691164175 | 2014 | HB
The Best Writing on Mathematics
Princeton University Press

The Best Writing on Mathematics 2015
Mircea Pitici
$24.95 | £20.00

9780691169651 | 2016 | PB
The Best Writing on Mathematics
Princeton University Press

The Best Writing on Mathematics 2016
Mircea Pitici
$32.95 | £25.00

9780691175294 | 2017 | PB
The Best Writing on Mathematics
Princeton University Press

The Best Writing on Mathematics 2017
Mircea Pitici
$24.95 | £20.00

9780691178639 | 2017 | PB
The Best Writing on Mathematics
Princeton University Press

The Best Writing on Mathematics 2018
Mircea Pitici
$24.95 | £20.00

9780691182766 | 2018 | PB
The Best Writing on Mathematics
Princeton University Press

The Best Writing on Mathematics 2019
Mircea Pitici
$24.95 | £20.00

9780691198354 | 2019 | PB
The Best Writing on Mathematics
Princeton University Press

The Best Writing on Mathematics 2020
Mircea Pitici
$85.00 | £66.00

9780691207575 | 2020 | HB
The Best Writing on Mathematics
Princeton University Press

The Best Writing on Mathematics 2021
Mircea Pitici
$85.00 | £66.00

9780691225715 | 2021 | HB
The Best Writing on Mathematics
Princeton University Press

Mathematics in India
Kim Plofker
$70.00 | £54.00

9780691120676 | 2009 | HB
Princeton University Press

Isoperimetric Inequalities in Mathematical Physics. (AM-27), Volume 27
G. Polya, G. Szegö
$85.00 | £66.00

9780691079882 | 1951 | PB
Annals of Mathematics Studies
Princeton University Press

Mathematics and Plausible Reasoning, Volume 2
Logic, Symbolic and mathematical
G Polya
$55.00 | £44.00

9780691025100 | 1992 | PB
Princeton University Press

Mathematics and Plausible Reasoning, Volume 1
Induction and Analogy in Mathematics
G Polya
$62.50 | £50.00

9780691025094 | 1992 | PB
Princeton University Press

The Two-Valued Iterative Systems of Mathematical Logic. (AM-5), Volume 5
Emil L. Post
$55.00 | £44.00

9780691095707 | 1941 | PB
Annals of Mathematics Studies
Princeton University Press

Prospects in Topology (AM-138), Volume 138
Proceedings of a Conference in Honor of William Browder. (AM-138)
Frank Quinn
$115.00 | £90.00

9780691027289 | 1996 | PB
Annals of Mathematics Studies
Princeton University Press

The Enjoyment of Math
Hans Rademacher, Otto Toeplitz
$67.50 | £54.00

9780691023519 | 1992 | PB
Princeton Science Library
Princeton University Press

Eisenstein Cohomology for GL_N and the Special Values of Rankin–Selberg L-Functions
(AMS-203)
Anantharam Raghuram, Günter Harder
$75.00 | £58.00

9780691197890 | 2019 | PB
Annals of Mathematics Studies

Eisenstein Cohomology for GL_N and the Special Values of Rankin–Selberg L-Functions
(AMS-203)
Anantharam Raghuram, Günter Harder
$165.00 | £128.00

9780691197883 | 2020 | HB
Annals of Mathematics Studies

Period Spaces for p-divisible Groups (AM-141), Volume 141
Michael Rapoport, Thomas Zink
$115.00 | £90.00

9780691027814 | 1996 | PB
Annals of Mathematics Studies
Princeton University Press

Nilpotence and Periodicity in Stable Homotopy Theory. (AM-128), Volume 128
Douglas C. Ravenel
$99.95 | £78.00

9780691025728 | 1993 | PB
Annals of Mathematics Studies
Princeton University Press

Count Like an Egyptian
A Hands-on Introduction to Ancient Mathematics
David Reimer
$29.95 | £25.00

9780691160122 | 2014 | HB
Princeton University Press

Euler's Gem
The Polyhedron Formula and the Birth of Topology
David S. Richeson
$19.95 | £14.99

9780691154572 | 2012 | PB
Princeton University Press

Tales of Impossibility
The 2000-Year Quest to Solve the Mathematical Problems of Antiquity
David S. Richeson
$29.95 | £25.00

9780691192963 | 2019 | HB
Princeton University Press

Mathematical Analysis of Deterministic and Stochastic Problems in Complex Media Electromagnetics
G. F. Roach, I. G. Stratis, A. N. Yannacopoulos
$120.00 | £94.00

9780691142173 | 2012 | HB
Princeton Series in Applied Mathematics

Non-standard Analysis
Abraham Robinson
$92.50 | £72.00

9780691044903 | 1996 | PB
Princeton Landmarks in Mathematics and Physics
Princeton University Press

Mathematics in Ancient Iraq
A Social History
Eleanor Robson
$75.00 | £58.00

9780691091822 | 2008 | HB
Princeton University Press

Convex Analysis
(PMS-28)
Ralph Tyrell Rockafellar
$110.00 | £85.00

9780691015866 | 1997 | PB
Princeton Mathematical Series
Princeton University Press

Topics in Quaternion Linear Algebra
Leiba Rodman
$79.50 | £66.00

9780691161853 | 2014 | HB
Princeton Series in Applied Mathematics
Oxford University Press

Automorphic Representation of Unitary Groups in Three Variables. (AM-123), Volume 123
Jonathan David Rogawski
$90.00 | £70.00

9780691085876 | 1992 | PB
Annals of Mathematics Studies
Princeton University Press

Euler Systems. (AM-147), Volume 147
Karl Rubin
$85.00 | £66.00

9780691050768 | 2000 | PB
Annals of Mathematics Studies
Princeton University Press

Infinity and the Mind
The Science and Philosophy of the Infinite
Rudy Rucker
$17.95 | £14.99

9780691191386 | 2019 | PB
Princeton Science Library
Princeton University Press

Chance and Chaos
David Ruelle
$25.95 | £22.00

9780691021003 | 1993 | PB
Princeton Science Library
Princeton University Press

The Mathematician's Brain
A Personal Tour Through the Essentials of Mathematics and Some of the Great Minds Behind Them
David Ruelle
$22.95 | £17.99

9780691129822 | 2007 | HB
Princeton University Press

Algorithms for Worst-Case Design and Applications to Risk Management
Berç Rustem, Melendres Howe
$140.00 | £108.00

9780691091549 | 2002 | HB
Princeton University Press

Nonlinear Optimization
Andrzej Ruszczynski
$105.00 | £82.00

9780691119151 | 2006 | HB
Princeton University Press

Degrees of Unsolvability. (AM-55), Volume 55
Gerald E. Sacks
$75.00 | £58.00

9780691079417 | 1992 | PB
Annals of Mathematics Studies
Princeton University Press

Hybrid Feedback Control
Ricardo G. Sanfelice
$75.00 | £58.00

9780691180229 | 2021 | HB
Princeton Series in Applied Mathematics
Princeton University Press

Pythagoras' Revenge
A Mathematical Mystery
Arturo Sangalli
$18.95 | £14.99

9780691150192 | 2011 | PB
Princeton University Press

A Theory of Cross-Spaces. (AM-26), Volume 26
Robert Schatten
$72.50 | £58.00

9780691083964 | 1950 | PB
Annals of Mathematics Studies
Princeton University Press

Classical and Nonclassical Logics
An Introduction to the Mathematics of Propositions
Eric Schechter
$130.00 | £100.00

9780691122793 | 2005 | HB
Princeton University Press

Berkeley Lectures on p-adic Geometry
(AMS-207)
Peter Scholze, Jared Weinstein
$75.00 | £58.00

9780691202082 | 2020 | PB
Annals of Mathematics Studies
Princeton University Press

Berkeley Lectures on p-adic Geometry
(AMS-207)
Peter Scholze, Jared Weinstein
$165.00 | £128.00

9780691202099 | 2020 | HB
Annals of Mathematics Studies
Princeton University Press

Outer Billiards on Kites (AM-171)
Richard Evan Schwartz
$72.50 | £58.00

9780691142494 | 2009 | PB
Annals of Mathematics Studies
Princeton University Press

The Plaid Model
(AMS-198)
Richard Evan Schwartz
$75.00 | £58.00

9780691181387 | 2019 | PB
Annals of Mathematics Studies
Princeton University Press

The Plaid Model
(AMS-198)
Richard Evan Schwartz
$165.00 | £128.00

9780691181370 | 2019 | HB
Annals of Mathematics Studies
Princeton University Press

Spherical CR Geometry and Dehn Surgery (AM-165)
Richard Evan Schwartz
$67.50 | £54.00

9780691128108 | 2007 | PB
Annals of Mathematics Studies
Princeton University Press

Numerical Analysis
L. Ridgway Scott
$95.00 | £74.00

9780691146867 | 2011 | HB
Princeton University Press

Mathematicians under the Nazis
Sanford L. Segal
$42.00 | £32.00

9780691164632 | 2014 | PB
Princeton University Press

Degree of Approximation by Polynomials in the Complex Domain. (AM-9), Volume 9
Walter Edwin Sewell
$85.00 | £66.00

9780691095721 | 1942 | PB
Annals of Mathematics Studies
Princeton University Press

A Mathematical Theory of Evidence
Glenn Shafer
$42.95 | £34.00

9780691100425 | 2011 | PB
Princeton University Press

Profinite Groups, Arithmetic, and Geometry. (AM-67), Volume 67
Stephen S. Shatz
$90.00 | £70.00

9780691080178 | 1992 | PB
Annals of Mathematics Studies
Princeton University Press

Partial Differential Equations
An Introduction to Theory and Applications
Michael Shearer, Rachel Levy
$90.00 | £70.00

9780691161297 | 2015 | HB
Princeton University Press

Abelian Varieties with Complex Multiplication and Modular Functions (PMS-46)
Goro Shimura
$130.00 | £100.00

9780691016566 | 1998 | HB
Princeton Mathematical Series
Princeton University Press

Introduction to Arithmetic Theory of Automorphic Functions
Goro Shimura
$90.00 | £70.00

9780691080925 | 1994 | PB
Princeton University Press

Transcendental Numbers. (AM-16)
Carl Ludwig Siegel
$52.50 | £42.00

9780691095752 | 1949 | PB
Annals of Mathematics Studies
Princeton University Press

Mathematicians Fleeing from Nazi Germany
Individual Fates and Global Impact
Reinhard Siegmund-Schultze
$72.50 | £58.00

9780691140414 | 2009 | PB
Princeton University Press

The Calculus of Selfishness
Karl Sigmund
$29.95 | £25.00

9780691171081 | 2016 | PB
Princeton Series in Theoretical and Computational Biology
Princeton University Press

The Calculus of Selfishness
Karl Sigmund
$52.50 | £42.00

9780691142753 | 2010 | HB
Princeton Series in Theoretical and Computational Biology
Princeton University Press

Chaotic Transitions in Deterministic and Stochastic Dynamical Systems
Applications of Melnikov Processes in Engineering, Physics, and Neuroscience
Emil Simiu
$55.00 | £44.00

9780691144344 | 2009 | PB

Szego's Theorem and Its Descendants
Spectral Theory for L^2 Perturbations of Orthogonal Polynomials
Barry Simon
$145.00 | £112.00

9780691147048 | 2010 | HB
Porter Lectures
Princeton University Press

Introduction to Ergodic Theory (MN-18), Volume 18
Preliminary Informal Notes of University Courses and Seminars in Mathematics. (MN-18)
Iakov Grigorevi Sinai, V. Scheffer
$72.50 | £58.00

9780691081823 | 1993 | PB
Mathematical Notes
Princeton University Press

Adaptive Control of Parabolic PDEs
Andrey Smyshlyaev, Miroslav Krstic
$72.50 | £58.00

9780691142869 | 2010 | HB
Princeton University Press

Hangzhou Lectures on Eigenfunctions of the Laplacian (AM-188)
Christopher D. Sogge
$82.50 | £64.00

9780691160788 | 2014 | PB
Annals of Mathematics Studies
Princeton University Press

Hangzhou Lectures on Eigenfunctions of the Laplacian (AM-188)
Christopher D. Sogge
$175.00 | £140.00

9780691160757 | 2014 | HB
Annals of Mathematics Studies
Oxford University Press

Action-minimizing Methods in Hamiltonian Dynamics (MN-50)
An Introduction to Aubry-Mather Theory
Alfonso Sorrentino
$45.00 | £34.00

9780691164502 | 2015 | PB
Mathematical Notes
Oxford University Press

Generalized Feynman Amplitudes. (AM-62), Volume 62
Eugene R. Speer
$62.50 | £50.00

9780691080666 | 1992 | PB
Annals of Mathematics Studies
Princeton University Press

The Topology of Fibre Bundles. (PMS-14), Volume 14
Norman Steenrod
$90.00 | £70.00

9780691005485 | 1999 | PB
Princeton Mathematical Series
Princeton University Press

The Discrete Charm of the Machine
Why the World Became Digital
Ken Steiglitz
$27.95 | £22.00

9780691179438 | 2019 | HB
Princeton University Press

Beijing Lectures in Harmonic Analysis. (AM-112), Volume 112
Elias M. Stein
$105.00 | £82.00

9780691084190 | 1992 | PB
Annals of Mathematics Studies
Princeton University Press

Complex Analysis
Elias M. Stein, Rami Shakarchi
$99.95 | £78.00

9780691113852 | 2003 | HB
Princeton University Press

Fourier Analysis
An Introduction
Elias M. Stein, Rami Shakarchi
$99.95 | £78.00

9780691113845 | 2003 | HB
Princeton University Press

Functional Analysis
Introduction to Further Topics in Analysis
Elias M. Stein, Rami Shakarchi
$99.95 | £78.00

9780691113876 | 2011 | HB
Princeton University Press

Harmonic Analysis (PMS-43), Volume 43
Real-Variable Methods, Orthogonality, and Oscillatory Integrals. (PMS-43)
Elias M. Stein
$150.00 | £116.00

9780691032160 | 1993 | HB
Princeton Mathematical Series
Princeton University Press

Introduction to Fourier Analysis on Euclidean Spaces (PMS-32), Volume 32
Elias M. Stein, Guido Weiss
$130.00 | £100.00

9780691080789 | 1992 | HB
Princeton Mathematical Series
Princeton University Press

Real Analysis
Measure Theory, Integration, and Hilbert Spaces
Elias M. Stein, Rami Shakarchi
$99.95 | £78.00

9780691113869 | 2005 | HB
Princeton University Press

Singular Integrals and Differentiability Properties of Functions (PMS-30), Volume 30
Elias M. Stein
$125.00 | £98.00

9780691080796 | 1992 | HB
Princeton Mathematical Series
Princeton University Press

Topics in Harmonic Analysis Related to the Littlewood-Paley Theory. (AM-63), Volume 63
Elias M. Stein
$67.50 | £54.00

9780691080673 | 1992 | PB
Annals of Mathematics Studies
Princeton University Press

Introduction to the Numerical Solution of Markov Chains
William J. Stewart
$145.00 | £112.00

9780691036991 | 1995 | HB
Princeton University Press

Probability, Markov Chains, Queues, and Simulation
The Mathematical Basis of Performance Modeling
William J. Stewart
$120.00 | £94.00

9780691140629 | 2009 | HB
Princeton University Press

Elements of Mathematics
From Euclid to Gödel
John Stillwell
$39.95 | £30.00

9780691171685 | 2016 | HB
Princeton University Press

Reverse Mathematics
Proofs from the Inside Out
John Stillwell
$24.95 | £20.00

9780691177175 | 2018 | HB
Princeton University Press

Invariant Forms on Grassmann Manifolds. (AM-89), Volume 89
Wilhelm Stoll
$62.50 | £50.00

9780691081991 | 1992 | PB
Annals of Mathematics Studies
Princeton University Press

Multi-parameter Singular Integrals. (AM-189), Volume I
Brian Street
$78.50 | £62.00

9780691162522 | 2014 | PB
Annals of Mathematics Studies
Princeton University Press

Differential Equations on Fractals
A Tutorial
Robert S. Strichartz
$72.50 | £58.00

9780691127316 | 2006 | PB
Princeton University Press

The Calculus of Friendship
What a Teacher and a Student Learned about Life while Corresponding about Math
Steven Strogatz
$19.95 | £14.99

9780691150383 | 2011 | PB
Princeton University Press

Markov Processes from K. Itô's Perspective (AM-155)
Daniel W. Stroock
$85.00 | £66.00

9780691115436 | 2003 | PB
Annals of Mathematics Studies
Princeton University Press

Global Nonlinear Stability of Schwarzschild Spacetime under Polarized Perturbations (AMS-210)
Jérémie Szeftel, Sergiu Klainerman
$165.00 | £128.00

9780691212432 | 2021 | HB
Annals of Mathematics Studies

Global Nonlinear Stability of Schwarzschild Spacetime under Polarized Perturbations (AMS-210)
Jérémie Szeftel, Sergiu Klainerman
$75.00 | £58.00

9780691212425 | 2021 | PB
Annals of Mathematics Studies

Numbers Rule
The Vexing Mathematics of Democracy, from Plato to the Present
George Szpiro
$26.95 | £20.00

9780691139944 | 2010 | HB
Princeton University Press

Simple Games
Desirability Relations, Trading, Pseudoweightings
Alan D. Taylor, William S. Zwicker
$125.00 | £98.00

9780691001203 | 1999 | HB
Princeton University Press

Stability and Stabilization
An Introduction
William J. Terrell
$105.00 | £82.00

9780691134444 | 2009 | HB
Princeton University Press

Lectures on Hermite and Laguerre Expansions. (MN -42), Volume 42
Sundaram Thangavelu
$85.00 | £66.00

9780691000480 | 1993 | PB
Mathematical Notes
Princeton University Press

Three-Dimensional Geometry and Topology, Volume 1
(PMS-35)
William P. Thurston, Silvio Levy
$115.00 | £90.00

9780691083049 | 1997 | HB
Princeton Mathematical Series
Princeton University Press

What's Next?
The Mathematical Legacy of William P. Thurston (AMS-205)
Dylan Thurston
$165.00 | £128.00

9780691167763 | 2020 | HB
Annals of Mathematics Studies
Princeton University Press

What's Next?
The Mathematical Legacy of William P. Thurston (AMS-205)
Dylan Thurston
$75.00 | £58.00

9780691167770 | 2020 | PB
Annals of Mathematics Studies
Princeton University Press

Composition Methods in Homotopy Groups of Spheres. (AM-49), Volume 49
Hiroshi Toda
$78.50 | £62.00

9780691095868 | 1962 | PB
Annals of Mathematics Studies
Princeton University Press

Introduction to Ramsey Spaces (AM-174)
Stevo Todorcevic
$60.00 | £48.00

9780691145426 | 2010 | PB
Annals of Mathematics Studies
Princeton University Press

The Secret Formula
How a Mathematical Duel Inflamed Renaissance Italy and Uncovered the Cubic Equation
Fabio Toscano, Arturo Sangalli
$24.95 | £20.00

9780691183671 | 2020 | HB
Princeton University Press

Spectra and Pseudospectra
The Behavior of Nonnormal Matrices and Operators
Lloyd N. Trefethen, Mark Embree
$105.00 | £82.00

9780691119465 | 2005 | HB
Princeton University Press

Complex Ball Quotients and Line Arrangements in the Projective Plane (MN-51)
Paula Tretkoff, Hans-Christoph Im Hof
$75.00 | £58.00

9780691144771 | 2016 | PB
Mathematical Notes
Oxford University Press

An Essay Toward a Unified Theory of Special Functions. (AM-18), Volume 18
Clifford Truesdell
$78.50 | £62.00

9780691095776 | 1948 | PB
Annals of Mathematics Studies
Princeton University Press

Curvature and Betti Numbers. (AM-32), Volume 32
Salomon Bochner Trust, Kentaro Yano
$75.00 | £58.00

9780691095837 | 1953 | PB
Annals of Mathematics Studies
Princeton University Press

Fourier Transforms. (AM-19), Volume 19
Salomon Bochner Trust, Komaravolu Chandrasekharan
$72.50 | £58.00

9780691095783 | 1949 | PB
Annals of Mathematics Studies
Princeton University Press

Lectures on Fourier Integrals. (AM-42), Volume 42
Salomon Bochner Trust, Morris Tenenbaum, Harry Pollard
$99.95 | £78.00

9780691079943 | 1959 | PB
Annals of Mathematics Studies
Princeton University Press

Introductory Lectures on Equivariant Cohomology
(AMS-204)
Loring W. Tu
$75.00 | £58.00

9780691191751 | 2020 | PB
Annals of Mathematics Studies
Princeton University Press

Introductory Lectures on Equivariant Cohomology
(AMS-204)
Loring W. Tu
$165.00 | £128.00

9780691191744 | 2020 | HB
Annals of Mathematics Studies
Princeton University Press

Contributions to the Theory of Games (AM-40), Volume IV
Albert William Tucker, Robert Duncan Luce
$120.00 | £94.00

9780691079370 | 1959 | PB
Annals of Mathematics Studies
Princeton University Press

Validated Numerics
A Short Introduction to Rigorous Computations
Warwick Tucker
$55.00 | £44.00

9780691147819 | 2011 | HB
Princeton University Press

Convergence and Uniformity in Topology. (AM-2), Volume 2
John W. Tukey
$47.95 | £38.00

9780691095684 | 1940 | PB
Annals of Mathematics Studies
Princeton University Press

Topics in Mathematical Modeling
K. K. Tung
$95.00 | £74.00

9780691116426 | 2007 | HB
Princeton University Press

New Directions in the Philosophy of Mathematics
An Anthology - Revised and Expanded Edition
Thomas Tymoczko
$78.50 | £62.00

9780691034980 | 1998 | PB
Princeton University Press

The Doctrine of Triangles
A History of Modern Trigonometry
Glen Van Brummelen
$29.95 | £25.00

9780691179414 | 2021 | HB
Princeton University Press

Heavenly Mathematics
The Forgotten Art of Spherical Trigonometry
Glen Van Brummelen
$42.00 | £32.00

9780691148922 | 2013 | HB
Princeton University Press

The Mathematics of the Heavens and the Earth
The Early History of Trigonometry
Glen Van Brummelen
$62.50 | £50.00

9780691129730 | 2009 | HB
Princeton University Press

Hidden Markov Processes
Theory and Applications to Biology
M. Vidyasagar
$59.50 | £50.00

9780691133157 | 2014 | HB
Princeton Series in Applied Mathematics
Oxford University Press

Cycles, Transfers, and Motivic Homology Theories. (AM-143), Volume 143
Vladimir Voevodsky, Andrei Suslin, Eric M. Friedlander
$85.00 | £66.00

9780691048154 | 2000 | PB
Annals of Mathematics Studies
Princeton University Press

Unitary Representations of Reductive Lie Groups. (AM-118), Volume 118
David A. Vogan Jr.
$105.00 | £82.00

9780691084824 | 1992 | PB
Annals of Mathematics Studies
Princeton University Press

Chow Rings, Decomposition of the Diagonal, and the Topology of Families (AM-187)
Claire Voisin
$82.50 | £64.00

9780691160511 | 2014 | PB
Annals of Mathematics Studies
Princeton University Press

Chow Rings, Decomposition of the Diagonal, and the Topology of Families (AM-187)
Claire Voisin
$175.00 | £140.00

9780691160504 | 2014 | HB
Annals of Mathematics Studies
Oxford University Press

Continuous Geometry
John von Neumann, Israel Halperin
$105.00 | £82.00

9780691058931 | 1998 | PB
Princeton Landmarks in Mathematics and Physics
Princeton University Press

Functional Operators (AM-21), Volume 1
Measures and Integrals. (AM-21)
John von Neumann
$90.00 | £70.00

9780691079660 | 1950 | PB
Annals of Mathematics Studies
Princeton University Press

Functional Operators (AM-22), Volume 2
The Geometry of Orthogonal Spaces. (AM-22)
John von Neumann
$55.00 | £44.00

9780691095790 | 1950 | PB
Annals of Mathematics Studies
Princeton University Press

Making and Breaking Mathematical Sense
Histories and Philosophies of Mathematical Practice
Roi Wagner
$45.00 | £35.00

9780691171715 | 2017 | HB
Princeton University Press

Graphic Discovery
A Trout in the Milk and Other Visual Adventures
Howard Wainer
$37.50 | £30.00

9780691134055 | 2007 | PB
Princeton University Press

Spaces of PL Manifolds and Categories of Simple Maps (AM-186)
Friedhelm Waldhausen, Bjørn Jahren, John Rognes
$190.00 | £154.00

9780691157757 | 2013 | HB
Annals of Mathematics Studies
Oxford University Press

Spaces of PL Manifolds and Categories of Simple Maps (AM-186)
Friedhelm Waldhausen, Bjørn Jahren, John Rognes
$84.00 | £65.00

9780691157764 | 2013 | PB
Annals of Mathematics Studies
Princeton University Press

An Extension of Casson's Invariant. (AM-126), Volume 126
Kevin Walker
$67.50 | £54.00

9780691025322 | 1992 | PB
Annals of Mathematics Studies
Princeton University Press

Encounters with Euclid
How an Ancient Greek Geometry Text Shaped the World
Benjamin Wardhaugh
$29.95 | £25.00

9780691211695 | 2021 | HB
Princeton University Press

How to Read Historical Mathematics
Benjamin Wardhaugh
$37.50 | £30.00

9780691140148 | 2010 | HB
Princeton University Press

A Wealth of Numbers
An Anthology of 500 Years of Popular Mathematics Writing
Benjamin Wardhaugh
$55.00 | £44.00

9780691147758 | 2012 | HB
Princeton University Press

Across the Board
The Mathematics of Chessboard Problems
John J. Watkins
$18.95 | £14.99

9780691154985 | 2012 | PB
Princeton Puzzlers
Princeton University Press

Number Theory
A Historical Approach
John J. Watkins
$82.50 | £64.00

9780691159409 | 2014 | HB
Princeton University Press

Topics in Commutative Ring Theory
John J. Watkins
$99.95 | £78.00

9780691127484 | 2007 | HB
Princeton University Press

Small Worlds
The Dynamics of Networks between Order and Randomness
Duncan J. Watts
$43.95 | £34.00

9780691117041 | 2004 | PB
Princeton Studies in Complexity
Princeton University Press

Computers, Rigidity, and Moduli
The Large-Scale Fractal Geometry of Riemannian Moduli Space
Shmuel Weinberger
$80.00 | £62.00

9780691118895 | 2005 | HB
Porter Lectures
Princeton University Press

Guesstimation
Solving the World's Problems on the Back of a Cocktail Napkin
Lawrence Weinstein, John A. Adam
$19.95 | £14.99

9780691129495 | 2008 | PB
Princeton University Press

Quadrangular Algebras. (MN-46)
Richard M. Weiss
$69.95 | £54.00

9780691124605 | 2005 | PB
Mathematical Notes
Princeton University Press

The Structure of Affine Buildings. (AM-168)
Richard M. Weiss
$78.50 | £62.00

9780691138817 | 2008 | PB
Annals of Mathematics Studies
Princeton University Press

Algebraic Theory of Numbers. (AM-1), Volume 1
Hermann Weyl
$78.50 | £62.00

9780691059174 | 1998 | PB
Annals of Mathematics Studies
Princeton University Press

The Classical Groups
Their Invariants and Representations (PMS-1)
Hermann Weyl
$99.95 | £78.00

9780691057569 | 1997 | PB
Princeton Mathematical Series
Princeton University Press

Meromorphic Functions and Analytic Curves. (AM-12)
Hermann Weyl
$90.00 | £70.00

9780691095745 | 1943 | PB
Annals of Mathematics Studies
Princeton University Press

Mind and Nature
Selected Writings on Philosophy, Mathematics, and Physics
Hermann Weyl, Peter Pesic
$55.00 | £44.00

9780691135458 | 2009 | HB
Princeton University Press

Philosophy of Mathematics and Natural Science
Hermann Weyl, Frank Wilczek
$55.00 | £44.00

9780691141206 | 2009 | PB
Princeton University Press

Symmetry
Hermann Weyl
$16.95 | £12.99

9780691173252 | 2016 | PB
Princeton Science Library
Princeton University Press

Symmetry
Hermann Weyl
$27.95 | £22.00

9780691023748 | 1992 | PB
Princeton Science Library
Princeton University Press

Mathematics and Computation
A Theory Revolutionizing Technology and Science
Avi Wigderson
$49.95 | £40.00

9780691189130 | 2019 | HB
Princeton University Press

Four Colors Suffice
How the Map Problem Was Solved - Revised Color Edition
Robin Wilson, Ian Stewart
$25.95 | £20.00

9780691158228 | 2013 | PB
Princeton Science Library
Princeton University Press

Mathletics
How Gamblers, Managers, and Sports Enthusiasts Use Mathematics in Baseball, Basketball, and Football
Wayne L. Winston
$19.95 | £14.99

9780691154589 | 2012 | PB
Princeton University Press

The Structure of Groups with a Quasiconvex Hierarchy
(AMS-209)
Daniel T. Wise
$75.00 | £58.00

9780691170459 | 2021 | PB
Annals of Mathematics Studies
Princeton University Press

The Structure of Groups with a Quasiconvex Hierarchy
(AMS-209)
Daniel T. Wise
$165.00 | £128.00

9780691170442 | 2021 | HB
Annals of Mathematics Studies
Princeton University Press

The Equidistribution Theory of Holomorphic Curves. (AM-64), Volume 64
Hung-his Wu
$85.00 | £66.00

9780691080734 | 1992 | PB
Annals of Mathematics Studies
Princeton University Press

Arithmetic and Geometry
Ten Years in Alpbach (AMS-202)
Gisbert Wüstholz, Clemens Fuchs
$75.00 | £58.00

9780691193779 | 2019 | PB
Annals of Mathematics Studies
Princeton University Press

Arithmetic and Geometry
Ten Years in Alpbach (AMS-202)
Gisbert Wüstholz, Clemens Fuchs
$165.00 | £128.00

9780691193786 | 2019 | HB
Annals of Mathematics Studies
Princeton University Press

Numerical Methods for Stochastic Computations
A Spectral Method Approach
Dongbin Xiu
$62.50 | £50.00

9780691142128 | 2010 | HB
Princeton University Press

Seminar on Differential Geometry. (AM-102), Volume 102
Shing-Tung Yau
$150.00 | £116.00

9780691082967 | 1982 | PB
Annals of Mathematics Studies
Princeton University Press

The Gross-Zagier Formula on Shimura Curves
(AMS-184)
Xinyi Yuan, Shou–wu Zhang, Wei Zhang
$92.50 | £72.00

9780691155920 | 2013 | PB
Annals of Mathematics Studies
Princeton University Press

The Gross-Zagier Formula on Shimura Curves
(AMS-184)
Xinyi Yuan, Shou-wu Zhang, Wei Zhang
$175.00 | £140.00

9780691155913 | 2013 | HB
Annals of Mathematics Studies
Oxford University Press

Modern Anti-windup Synthesis
Control Augmentation for Actuator Saturation
Luca Zaccarian, Andrew R. Teel
$85.00 | £66.00

9780691147321 | 2011 | HB
Princeton Series in Applied Mathematics
Oxford University Press

A Course in Complex Analysis
Saeed Zakeri
$65.00 | £50.00

9780691207582 | 2021 | HB
Princeton University Press

Some Problems of Unlikely Intersections in Arithmetic and Geometry (AM-181)
Umberto Zannier, David Masser
$90.00 | £70.00

9780691153711 | 2012 | PB
Annals of Mathematics Studies
Princeton University Press

Some Problems of Unlikely Intersections in Arithmetic and Geometry (AM-181)
Umberto Zannier, David Masser
$205.00 | £158.00

9780691153704 | 2012 | HB
Annals of Mathematics Studies
Oxford University Press

Delay-Adaptive Linear Control
Yang Zhu, Miroslav Krstic
$85.00 | £66.00

9780691202549 | 2020 | HB
Princeton Series in Applied Mathematics
Princeton University Press

Contributions to Fourier Analysis. (AM-25)
Antoni Zygmund, W. Transue
$80.00 | £62.00

9780691079301 | 1950 | PB
Annals of Mathematics Studies
Princeton University Press

Nineteenth-Century Music
Carl Dahlhaus, J. Bradford Robinson
$36.95 | £29.00

9780520076440 | 1992 | PB
California Studies in 19th-Century Music
University of California Press

Index

99 Variations on a Proof; Philip Ording. 2, 19
Abbes, Ahmed; The p-adic Simpson Correspondence (AM-193). 10, 10
Abbott, Edwin Abbott; Flatland: A Romance of Many Dimensions. 10
Abelian Varieties with Complex Multiplication and Modular Functions: (PMS-46); Goro Shimura. 21
Abhyankar, Shreeram Shanka; Ramification Theoretic Methods in Algebraic Geometry (AM-43), Volume 43. 10
Absil, P.-A.; Optimization Algorithms on Matrix Manifolds. . . . 10
Across the Board: The Mathematics of Chessboard Problems; John J. Watkins. 22
Action Principle and Partial Differential Equations. (AM-146), Volume 146, The; Demetrios Christodoulou. 12
Action-minimizing Methods in Hamiltonian Dynamics (MN-50): An Introduction to Aubry-Mather Theory; Alfonso Sorrentino. 21
Adam, John A.; Mathematics in Nature: Modeling Patterns in the Natural World. 10
Adam, John A.; Rays, Waves, and Scattering: Topics in Classical Mathematical Physics. 10
Adam, John A.; X and the City: Modeling Aspects of Urban Life 10, 10
Adams, John Frank; Infinite Loop Spaces (AM-90), Volume 90: Hermann Weyl Lectures, The Institute for Advanced Study. (AM-90). 10
Adaptive Control of Parabolic PDEs; Andrey Smyshlyaev 21
Admissible Dual of GL(N) via Compact Open Subgroups. (AM-129), Volume 129, The; C. Bushnell. 11
Advances in Analysis: The Legacy of Elias M. Stein; Charles Fefferman. 13
Advances in Game Theory. (AM-52), Volume 52. 13
Advances in the Theory of Riemann Surfaces. (AM-66), Volume 66; Lars Valerian Ahlfors. 10
Agent_Zero: Toward Neurocognitive Foundations for Generative Social Science; Joshua M. Epstein. 13
Ahlfors, Lars Valerian; Advances in the Theory of Riemann Surfaces. (AM-66), Volume 66. 10
Albers, Donald J.; Fascinating Mathematical People: Interviews and Memoirs. 10
Alexakis, Spyros; The Decomposition of Global Conformal Invariants (AM-182). 10, 10
Algebraic Curves over a Finite Field; J. W. P. Hirschfeld 15
Algebraic Geometry in Coding Theory and Cryptography; Harald Niederreiter. 19
Algebraic Theory of Numbers. (AM-1), Volume 1; Hermann Weyl. 23
Algebraic Topology and Algebraic K-Theory (AM-113), Volume 113: Proceedings of a Symposium in Honor of John C. Moore. (AM-113). 11
Algorithms for Worst-Case Design and Applications to Risk Management; Berç Rustem. 20
Ambient Metric (AM-178), The; Charles Fefferman. 13
Ammari, Habib; Mathematical Methods in Elasticity Imaging 10
Analysis of Evolutionary Processes: The Adaptive Dynamics Approach and Its Applications; Fabio Dercole 12
Analysis of Heat Equations on Domains. (LMS-31); El-Maati Ouhabaz. 19
Analytic Theory of Global Bifurcation: An Introduction; Boris Buffoni. 11
Anderson, R. D.; Symposium on Infinite Dimensional Topology. (AM-69), Volume 69. 10
Applegate, David L.; The Traveling Salesman Problem: A Computational Study. 10
Approximating Perfection: A Mathematician's Journey into the World of Mechanics; Leonid P. Lebedev. 17
Arithmetic and Geometry: Ten Years in Alpbach (AMS-202) 23, 23
Arithmetic Compactifications of PEL-Type Shimura Varieties; Kai-Wen Lan. 17
Arithmetic Moduli of Elliptic Curves. (AM-108), Volume 108; Nicholas M. Katz. 16
Arthur, James; Simple Algebras, Base Change, and the Advanced Theory of the Trace Formula. (AM-120), Volume 120 10
Aschenbrenner, Matthias; Asymptotic Differential Algebra and Model Theory of Transseries: (AMS-195). 10, 10
Ascher, Marcia; Mathematics Elsewhere: An Exploration of Ideas Across Cultures. 10
Ash, Avner; Elliptic Tales: Curves, Counting, and Number Theory. 8, 10
Ash, Avner; Fearless Symmetry: Exposing the Hidden Patterns of Numbers - New Edition. 10
Ash, Avner; Summing It Up: From One Plus One to Modern Number Theory. 8, 10
Astala, Kari; Elliptic Partial Differential Equations and Quasiconformal Mappings in the Plane (PMS-48). 10
Asymptotic Differential Algebra and Model Theory of Transseries: (AMS-195); Matthias Aschenbrenner. 10, 10
Auslander, Louis; Flows on Homogeneous Spaces. (AM-53), Volume 53. 10
Automorphic Forms on Adele Groups. (AM-83), Volume 83; Stephen S. Gelbart. 14
Automorphic Representation of Unitary Groups in Three Variables. (AM-123), Volume 123; Jonathan David Rogawski 20
Auxiliary Signal Design for Failure Detection; Stephen L. Campbell. 11
Badesa, Calixto; The Birth of Model Theory: Löwenheim's Theorem in the Frame of the Theory of Relatives. 10
Baik, J.; Discrete Orthogonal Polynomials. (AM-164): Asymptotics and Applications (AM-164). 10
Bak, Anthony; K-Theory of Forms. (AM-98), Volume 98. 10
Bakonyi, Mihály; Matrix Completions, Moments, and Sums of Hermitian Squares. 10
Ball, Keith; Strange Curves, Counting Rabbits, & Other Mathematical Explorations. 10
Banks, Robert B.; Slicing Pizzas, Racing Turtles, and Further Adventures in Applied Mathematics. 10
Banks, Robert B.; Towing Icebergs, Falling Dominoes, and Other Adventures in Applied Mathematics. 10
Banner, Adrian; The Calculus Lifesaver: All the Tools You Need to Excel at Calculus. 8
Baouendi, M. Salah; Real Submanifolds in Complex Space and Their Mappings (PMS-47). 10
Beals, Richard; Calculus on Heisenberg Manifolds. (AM-119), Volume 119. 10
Beautiful Geometry; Eli Maor. 17
Beijing Lectures in Harmonic Analysis. (AM-112), Volume 112. 21
Beineke, Jennifer; The Mathematics of Various Entertaining Subjects: Research in Games, Graphs, Counting, and Complexity, Volume 2. 10
Beineke, Jennifer; The Mathematics of Various Entertaining Subjects: Volume 3: The Magic of Mathematics. 10
Belbruno, Edward; Capture Dynamics and Chaotic Motions in Celestial Mechanics: With Applications to the Construction of Low Energy Transfers. 11
Bellman, Richard E.; Dynamic Programming. 11

Benford's Law: Theory and Applications; Steven J. Miller 18
Benjamin Franklin's Numbers: An Unsung Mathematical Odyssey; Paul C. Pasles. 19
Benjamin, Arthur; The Fascinating World of Graph Theory. . . . 8
Ben-Tal, Aharon; Robust Optimization. 11
Berger, Arno; An Introduction to Benford's Law. 11
Berkeley Lectures on p-adic Geometry: (AMS-207); Peter Scholze. 20, 20
Berkovich, Vladimir G.; Integration of One-forms on P-adic Analytic Spaces. (AM-162). 11
Bernoulli's Fallacy: Statistical Illogic and the Crisis of Modern Science; Aubrey Clayton. 1
Bernstein, Dennis S.; Matrix Mathematics: Theory, Facts, and Formulas - Second Edition. 11
Bernstein, Dennis S.; Scalar, Vector, and Matrix Mathematics: Theory, Facts, and Formulas - Revised and Expanded Edition 11, 11
Bernstein, Dorothy L.; Existence Theorems in Partial Differential Equations. (AM-23), Volume 23. 11
Bers, Lipman; Contributions to the Theory of Partial Differential Equations. (AM-33), Volume 33. 11
Best Writing on Mathematics 2010, The; Mircea Pitici. . . . 19
Best Writing on Mathematics 2011, The. 19
Best Writing on Mathematics 2012, The. 19
Best Writing on Mathematics 2013, The. 19
Best Writing on Mathematics 2014, The. 19
Best Writing on Mathematics 2015, The. 19
Best Writing on Mathematics 2016, The; Mircea Pitici. . . . 19
Best Writing on Mathematics 2017, The; Mircea Pitici. . . . 19
Best Writing on Mathematics 2018, The. 19
Best Writing on Mathematics 2019, The; Mircea Pitici. . . . 19
Best Writing on Mathematics 2020, The. 6, 19
Best Writing on Mathematics 2021, The; Mircea Pitici 6, 19
Bézout, Etienne; General Theory of Algebraic Equations. . . . 11
Bhatia, Rajendra; Positive Definite Matrices. 11
Binmore, Ken; Rational Decisions. 11
Birman, Joan S.; Braids, Links, and Mapping Class Groups. (AM-82), Volume 82. 11
Birth of Model Theory, The: Löwenheim's Theorem in the Frame of the Theory of Relatives; Calixto Badesa. 10
Bismut, Jean-Michel; Hypoelliptic Laplacian and Orbital Integrals (AM-177). 11
Bismut, Jean-Michel; The Hypoelliptic Laplacian and Ray-Singer Metrics. (AM-167). 11
Blow-up Theory for Elliptic PDEs in Riemannian Geometry (MN-45); Olivier Druet. 13
Bodine, Erin N.; Mathematics for the Life Sciences. 11
Bonifant, Araceli; Frontiers in Complex Dynamics: In Celebration of John Milnor's 80th Birthday. 11
Borel, Armand; Seminar on Transformation Groups. (AM-46), Volume 46. 11
Bosch, Robert; Opt Art: From Mathematical Optimization to Visual Design. 11
Bourgain, Jean; Green's Function Estimates for Lattice Schrödinger Operators and Applications. (AM-158). 11
Boutet de Monvel, L.; The Spectral Theory of Toeplitz Operators. (AM-99), Volume 99. 11
Braids, Links, and Mapping Class Groups. (AM-82), Volume 82; Joan S. Birman. 11
Bressoud, David M.; Calculus Reordered: A History of the Big Ideas. 11, 11
Brinkhuis, Jan; Optimization: Insights and Applications. 11
Brubaker, Ben; Weyl Group Multiple Dirichlet Series: Type A Combinatorial Theory (AM-175). 11
Bryant, John; How Round Is Your Circle?: Where Engineering and Mathematics Meet. 11
Buffoni, Boris; Analytic Theory of Global Bifurcation: An Introduction. 11
Busemann, Herbert; Metric Methods of Finsler Spaces and in the Foundations of Geometry. (AM-8). 11
Bushnell, C.; The Admissible Dual of GL(N) via Compact Open Subgroups. (AM-129), Volume 129. 11
Byers, William; How Mathematicians Think: Using Ambiguity, Contradiction, and Paradox to Create Mathematics. 11
C*-Algebra Extensions and K-Homology. (AM-95), Volume 95; Ronald G. Douglas. 13
Calculi of Lambda Conversion. (AM-6), Volume 6, The; Alonzo Church. 12
Calculus Gallery, The: Masterpieces from Newton to Lebesgue; William Dunham. 8
Calculus Lifesaver, The: All the Tools You Need to Excel at Calculus; Adrian Banner. 8
Calculus of Friendship, The: What a Teacher and a Student Learned about Life while Corresponding about Math; Steven Strogatz. 21
Calculus of Happiness, The: How a Mathematical Approach to Life Adds Up to Health, Wealth, and Love; Oscar Fernandez. 13, 13
Calculus of Selfishness, The; Karl Sigmund. 21, 21
Calculus of Variations and Optimal Control Theory: A Concise Introduction; Daniel Liberzon. 17
Calculus on Heisenberg Manifolds. (AM-119), Volume 119; Richard Beals. 10
Calculus Reordered: A History of the Big Ideas; David M. Bressoud. 11, 11
Calculus Simplified; Oscar Fernandez. 13
Campbell, Stephen L.; Auxiliary Signal Design for Failure Detection. 11
Campbell, Stephen L.; Introduction to Differential Equations with Dynamical Systems. 11
Capture Dynamics and Chaotic Motions in Celestial Mechanics: With Applications to the Construction of Low Energy Transfers; Edward Belbruno. 11
Cardaliaguet, Pierre; The Master Equation and the Convergence Problem in Mean Field Games: (AMS-201) 12, 12
Cartan, Henry; Homological Algebra (PMS-19), Volume 19 12
Carter, J. Scott; The Classical and Quantum 6j-symbols. (MN-43), Volume 43. 12
Cattani, Eduardo; Hodge Theory (MN-49). 12
Celestial Encounters: The Origins of Chaos and Stability; Florin Diacu. 13
Cesari, Lamberto; Surface Area. (AM-35), Volume 35. 12
Chamberland, Marc; Single Digits: In Praise of Small Numbers 12, 12
Chance and Chaos; David Ruelle. 20
Chander, Parkash; Game Theory and Climate Change. 12
Chang, Chen Chung; Continuous Model Theory. (AM-58), Volume 58. 12
Chang, Stanley; A Course on Surgery Theory: (AMS-211) 12, 12
Chaos and Dynamical Systems: Lessons for Complex Systems; David P. Feldman. 13
Chaotic Transitions in Deterministic and Stochastic Dynamical Systems: Applications of Melnikov Processes in Engineering, Physics, and Neuroscience; Emil Simiu 21
Characteristic Classes. (AM-76), Volume 76; John Milnor 18

Characters of Reductive Groups over a Finite Field. (AM-107), Volume 107; George Lusztig. 17
Chartier, Tim P.; Math Bytes: Google Bombs, Chocolate-Covered Pi, and Other Cool Bits in Computing. 12
Chases and Escapes: The Mathematics of Pursuit and Evasion; Paul J. Nahin. 18
Chen, Gui-Qiang; The Mathematics of Shock Reflection-Diffraction and von Neumann's Conjectures: (AMS-197) 12, 12
Chen, Zhen-Qing; Symmetric Markov Processes, Time Change, and Boundary Theory (LMS-35). 12
Cherlin, Gregory; Finite Structures with Few Types. (AM-152), Volume 152. 12
Chevalley, Claude; Theory of Lie Groups (PMS-8), Volume 8 12
Chow Rings, Decomposition of the Diagonal, and the Topology of Families (AM-187); Claire Voisin. 22, 22
Christodoulou, Demetrios; The Action Principle and Partial Differential Equations. (AM-146), Volume 146. 12
Church, Alonzo; Introduction to Mathematical Logic (PMS-13), Volume 13. 12
Church, Alonzo; The Calculi of Lambda Conversion. (AM-6), Volume 6. 12
Circles Disturbed: The Interplay of Mathematics and Narrative. 13
Classical and Nonclassical Logics: An Introduction to the Mathematics of Propositions; Eric Schechter. 20
Classical and Quantum 6j-symbols. (MN-43), Volume 43, The; J. Scott Carter. 12
Classical Groups, The: Their Invariants and Representations (PMS-1); Hermann Weyl. 23
Classical Mathematical Logic: The Semantic Foundations of Logic; Richard L. Epstein. 13
Classification of Pseudo-reductive Groups (AM-191); Brian Conrad. 12, 12
Classifying Spaces for Surgery and Corbordism of Manifolds. (AM-92), Volume 92; Ib Madsen. 17
Classifying Spaces of Degenerating Polarized Hodge Structures. (AM-169); Kazuya Kato. 16
Clayton, Aubrey; Bernoulli's Fallacy: Statistical Illogic and the Crisis of Modern Science. 1
Cohomological Induction and Unitary Representations (PMS-45), Volume 45; Anthony W. Knapp. 16
Cohomology of Quotients in Symplectic and Algebraic Geometry. (MN-31), Volume 31; Frances Clare Kirwan. . . . 16
Cohomology Operations (AM-50), Volume 50: Lectures by N.E. Steenrod. (AM-50); David B.A. Epstein. 13
Combinatorial Group Theory and Topology. (AM-111), Volume 111. 14
Combinatorics of Train Tracks. (AM-125), Volume 125; R. C. Penner. 19
Commensurabilities among Lattices in PU (1,n). (AM-132), Volume 132; Pierre Deligne. 12
Complex Analysis; Elias M. Stein. 21
Complex Ball Quotients and Line Arrangements in the Projective Plane (MN-51); Paula Tretkoff. 22
Complex Dynamics and Renormalization (AM-135), Volume 135; Curtis T. McMullen. 18
Complexities: Women in Mathematics. 12
Composition Methods in Homotopy Groups of Spheres. (AM-49), Volume 49; Hiroshi Toda. 22
Computational Aspects of Modular Forms and Galois Representations: How One Can Compute in Polynomial Time the Value of Ramanujan's Tau at a Prime (AM-176) 13
Computers, Rigidity, and Moduli: The Large-Scale Fractal Geometry of Riemannian Moduli Space; Shmuel Weinberger 23
Conrad, Brian; Classification of Pseudo-reductive Groups (AM-191). 12, 12
Consistency of the Continuum Hypothesis. (AM-3), Volume 3; Kurt Gödel. 14
Continuous Geometry; John von Neumann. 22
Continuous Model Theory. (AM-58), Volume 58; Chen Chung Chang. 12
Contributions to Fourier Analysis. (AM-25); Antoni Zygmund 23
Contributions to the Theory of Games (AM-24), Volume I 17
Contributions to the Theory of Games (AM-28), Volume II 17
Contributions to the Theory of Games (AM-39), Volume III; Melvin Dresher. 13
Contributions to the Theory of Games (AM-40), Volume IV; Albert William Tucker. 22
Contributions to the Theory of Nonlinear Oscillations (AM-20), Volume I; Solomon Lefschetz. 17
Contributions to the Theory of Nonlinear Oscillations (AM-29), Volume II; Solomon Lefschetz. 17
Contributions to the Theory of Nonlinear Oscillations (AM-36), Volume III; Solomon Lefschetz. 17
Contributions to the Theory of Nonlinear Oscillations (AM-41), Volume IV. 17
Contributions to the Theory of Nonlinear Oscillations (AM-45), Volume V. 12
Contributions to the Theory of Partial Differential Equations. (AM-33), Volume 33; Lipman Bers. 11
Contributions to the Theory of Riemann Surfaces. (AM-30), Volume 30. 10
Control Theoretic Splines: Optimal Control, Statistics, and Path Planning; Magnus Egerstedt. 13
Convergence and Uniformity in Topology. (AM-2), Volume 2; John W. Tukey. 22
Convex Analysis: (PMS-28); Ralph Tyrell Rockafellar. 20
Convolution and Equidistribution: Sato-Tate Theorems for Finite-Field Mellin Transforms (AM-180); Nicholas M. Katz 16, 16
Cook, William J.; In Pursuit of the Traveling Salesman: Mathematics at the Limits of Computation. 12
Cordaro, Paulo; Hyperfunctions on Hypo-Analytic Manifolds (AM-136), Volume 136. 12
Cosmology in (2 + 1) -Dimensions, Cyclic Models, and Deformations of M2,1. (AM-121), Volume 121; Victor Guillemin. 15
Count Like an Egyptian: A Hands-on Introduction to Ancient Mathematics; David Reimer. 20
Course in Complex Analysis, A; Saeed Zakeri. 23
Course on Surgery Theory, A: (AMS-211); Stanley Chang 12, 12
Cramér, Harald; Mathematical Methods of Statistics (PMS-9), Volume 9. 12
Crannell, Annalisa; Perspective and Projective Geometry 12, 12
Curvature and Betti Numbers. (AM-32), Volume 32; Salomon Bochner Trust. 22
Curves for the Mathematically Curious: An Anthology of the Unpredictable, Historical, Beautiful, and Romantic; Julian Havil. 3, 15
Cvitanovic, Predrag; Group Theory: Birdtracks, Lie's, and Exceptional Groups. 12, 12
Cycles, Transfers, and Motivic Homology Theories. (AM-143), Volume 143; Vladimir Voevodsky. 22

Dahlhaus, Carl; Nineteenth-Century Music. 23
Dantzig, George; Linear Programming and Extensions. 12
Data Analysis for Complex Systems: A Linear Algebra Approach; Greg Leibon. 17
Davis, Julian L.; Mathematics of Wave Propagation. 12
Davis, Michael; The Geometry and Topology of Coxeter Groups. (LMS-32). 12
Decomposition of Global Conformal Invariants (AM-182), The; Spyros Alexakis. 10, 10
Degenerate Diffusion Operators Arising in Population Biology (AM-185); Charles L. Epstein. 13, 13
Degree of Approximation by Polynomials in the Complex Domain. (AM-9), Volume 9; Walter Edwin Sewell. 20
Degrees of Unsolvability. (AM-55), Volume 55; Gerald E. Sacks. 20
Delay-Adaptive Linear Control; Yang Zhu. 23
Deligne, Pierre; Commensurabilities among Lattices in PU (1,n). (AM-132), Volume 132. 12
Dercole, Fabio; Analysis of Evolutionary Processes: The Adaptive Dynamics Approach and Its Applications. 12
Descent in Buildings (AM-190); Bernhard Mühlherr. . . . 18, 18
Devadoss, Satyan L.; Discrete and Computational Geometry 12
Devlin, Keith; Finding Fibonacci: The Quest to Rediscover the Forgotten Mathematical Genius Who Changed the World 13, 13
Diaconis, Persi; Magical Mathematics: The Mathematical Ideas That Animate Great Magic Tricks. 8, 13
Diaconis, Persi; Ten Great Ideas about Chance. 8, 13
Diacu, Florin; Celestial Encounters: The Origins of Chaos and Stability. 13
Differential Equations on Fractals: A Tutorial; Robert S. Strichartz. 21
Differential Systems and Isometric Embeddings.(AM-114), Volume 114; Phillip A. Griffiths. 14
Diffusion, Quantum Theory, and Radically Elementary Mathematics. (MN-47); William G. Faris. 13
Digital Dice: Computational Solutions to Practical Probability Problems; Paul J. Nahin. 19
Discontinuous Groups and Riemann Surfaces (AM-79), Volume 79: Proceedings of the 1973 Conference at the University of Maryland. (AM-79). 14
Discrete and Computational Geometry; Satyan L. Devadoss 12
Discrete Charm of the Machine, The: Why the World Became Digital; Ken Steiglitz. 4, 21
Discrete Orthogonal Polynomials. (AM-164): Asymptotics and Applications (AM-164); J. Baik. 10
Discrete Series of GLn Over a Finite Field. (AM-81), Volume 81; George Lusztig. 17
Do Not Erase: Mathematicians and Their Chalkboards; Jessica Wynne. 9
Doctrine of Triangles, The: A History of Modern Trigonometry; Glen Van Brummelen. 22
Douglas, Ronald G.; C*-Algebra Extensions and K-Homology. (AM-95), Volume 95. 13
Downey, Rod; A Hierarchy of Turing Degrees: A Transfinite Hierarchy of Lowness Notions in the Computably Enumerable Degrees, Unifying Classes, and Natural Definability (AMS-206) 13, 13
Dr. Euler's Fabulous Formula: Cures Many Mathematical Ills; Paul J. Nahin. 9
Dresher, Melvin; Contributions to the Theory of Games (AM-39), Volume III. 13
Druet, Olivier; Blow-up Theory for Elliptic PDEs in Riemannian Geometry (MN-45). 13
Duelling Idiots and Other Probability Puzzlers; Paul J. Nahin. 19
Dunham, William; The Calculus Gallery: Masterpieces from Newton to Lebesgue. 8
Dwork, Bernard; An Introduction to G-Functions. (AM-133), Volume 133. 13
Dynamic Programming; Richard E. Bellman. 11
Dynamical Theories of Brownian Motion; Edward Nelson 19
Dynamics in One Complex Variable. (AM-160): (AM-160) - Third Edition; John Milnor. 18
e: The Story of a Number: The Story of a Number; Eli Maor 8
Eells, James; Harmonic Maps and Minimal Immersions with Symmetries (AM-130), Volume 130: Methods of Ordinary Differential Equations Applied to Elliptic Variational Problems. (AM-130). 13
Egerstedt, Magnus; Control Theoretic Splines: Optimal Control, Statistics, and Path Planning. 13
Eisenbud, David; Three-Dimensional Link Theory and Invariants of Plane Curve Singularities. (AM-110), Volume 110 13
Eisenhart, Luther Pfahler; Riemannian Geometry. 13
Eisenstein Cohomology for GL_N and the Special Values of Rankin–Selberg L-Functions: (AMS-203); Anantharam Raghuram. 20, 20
Elementary Differential Topology. (AM-54), Volume 54; James R. Munkres. 18
Elements of Mathematics: From Euclid to Gödel; John Stillwell. 9, 21
Elliptic Curves. (MN-40), Volume 40; Anthony W. Knapp 16
Elliptic Partial Differential Equations and Quasiconformal Mappings in the Plane (PMS-48); Kari Astala. 10
Elliptic Tales: Curves, Counting, and Number Theory; Avner Ash. 8, 10
Embrechts, Paul; Selfsimilar Processes. 13
Encounters with Euclid: How an Ancient Greek Geometry Text Shaped the World; Benjamin Wardhaugh. 22
Enjoyment of Math, The; Hans Rademacher. 20
Enlightening Symbols: A Short History of Mathematical Notation and Its Hidden Powers; Joseph Mazur. 18, 18
Entire Holomorphic Mappings in One and Several Complex Variables. (AM-85), Volume 85; Phillip A. Griffiths. 14
Entropy. 14
Epstein, Charles L.; Degenerate Diffusion Operators Arising in Population Biology (AM-185). 13, 13
Epstein, David B.A.; Cohomology Operations (AM-50), Volume 50: Lectures by N.E. Steenrod. (AM-50). 13
Epstein, Joshua M.; Agent_Zero: Toward Neurocognitive Foundations for Generative Social Science. 13
Epstein, Richard L.; Classical Mathematical Logic: The Semantic Foundations of Logic. 13
Equidistribution Theory of Holomorphic Curves. (AM-64), Volume 64, The; Hung-his Wu. 23
Ergodic Theory of Lattice Subgroups (AM-172), The; Alexander Gorodnik. 14
Essay Toward a Unified Theory of Special Functions. (AM-18), Volume 18, An; Clifford Truesdell. 22
Essential Discrete Mathematics for Computer Science; Harry Lewis. 17
Essential John Nash, The; John Nash. 9
Etale Homotopy of Simplicial Schemes. (AM-104), Volume 104; Eric M. Friedlander. 14
Euler Systems. (AM-147), Volume 147; Karl Rubin. 20
Euler's Gem: The Polyhedron Formula and the Birth of Topology; David S. Richeson. 9, 20

Everyday Calculus: Discovering the Hidden Math All around Us; Oscar Fernandez. 13, 13
Existence Theorems in Partial Differential Equations. (AM-23), Volume 23; Dorothy L. Bernstein. 11
Exponential Sums and Differential Equations. (AM-124), Volume 124; Nicholas M. Katz. 16
Extension of Casson's Invariant. (AM-126), Volume 126, An ; Kevin Walker. 22
Fallat, Shaun M.; Totally Nonnegative Matrices. 13
Faltings, Gerd; Lectures on the Arithmetic Riemann-Roch Theorem. (AM-127), Volume 127. 13
Farb, Benson; A Primer on Mapping Class Groups (PMS-49) 13
Faris, William G.; Diffusion, Quantum Theory, and Radically Elementary Mathematics. (MN-47). 13
Fascinating Mathematical People: Interviews and Memoirs; Donald J. Albers. 10
Fascinating World of Graph Theory, The; Arthur Benjamin 8
Fathi, Albert; Thurston's Work on Surfaces (MN-48). 13
Fearless Symmetry: Exposing the Hidden Patterns of Numbers - New Edition; Avner Ash. 10
Fefferman, Charles; Advances in Analysis: The Legacy of Elias M. Stein. 13
Fefferman, Charles; The Ambient Metric (AM-178). 13
Feldman, David; Chaos and Dynamical Systems: Lessons for Complex Systems. 13
Fernandez, Oscar; Calculus Simplified. 13
Fernandez, Oscar; Everyday Calculus: Discovering the Hidden Math All around Us. 13, 13
Fernandez, Oscar; The Calculus of Happiness: How a Mathematical Approach to Life Adds Up to Health, Wealth, and Love. 13, 13
Finding Fibonacci: The Quest to Rediscover the Forgotten Mathematical Genius Who Changed the World; Keith Devlin 13, 13
Finite Dimensional Vector Spaces. (AM-7), Volume 7; Paul R. Halmos. 15
Finite Structures with Few Types. (AM-152), Volume 152; Gregory Cherlin. 12
Flatland: A Romance of Many Dimensions; Edwin Abbott Abbott. 10
Flows in Networks; Lester Randolph Ford Jr.. 14
Flows on Homogeneous Spaces. (AM-53), Volume 53; Louis Auslander. 10
Folland, Gerald B.; Hardy Spaces on Homogeneous Groups. (MN-28), Volume 28. 13
Folland, Gerald B.; Harmonic Analysis in Phase Space. (AM-122), Volume 122. 13
Folland, Gerald B.; Introduction to Partial Differential Equations: Second Edition. 13
Folland, Gerald B.; The Neumann Problem for the Cauchy-Riemann Complex. (AM-75), Volume 75. 14
Ford, Lester Randolph; Flows in Networks. 14
Formal Verification of Control System Software; Pierre-Loïc Garoche. 14
Fornaess, John Erik; Recent Developments in Several Complex Variables. (AM-100), Volume 100. 14
Forrester, Peter J.; Log-Gases and Random Matrices (LMS-34) 14
Foundational Essays on Topological Manifolds, Smoothings, and Triangulations. (AM-88), Volume 88; Robion C. Kirby. 16
Four Colors Suffice: How the Map Problem Was Solved - Revised Color Edition; Robin Wilson. 23
Fourier Analysis: An Introduction; Elias M. Stein. 21
Fourier Restriction for Hypersurfaces in Three Dimensions and Newton Polyhedra (AM-194); Isroil A. Ikromov. . . . 16, 16
Fourier Transforms. (AM-19), Volume 19; Salomon Bochner Trust. 22
Frantz, Marc; Viewpoints: Mathematical Perspective and Fractal Geometry in Art. 14
Fréchet Differentiability of Lipschitz Functions and Porous Sets in Banach Spaces (AM-179); Joram Lindenstrauss 17, 17
Freidlin, Mark Iosifovich; Functional Integration and Partial Differential Equations. (AM-109), Volume 109. 14
Friedlander, Eric M.; Etale Homotopy of Simplicial Schemes. (AM-104), Volume 104. 14
From the Calculus to Set Theory 1630-1910: An Introductory History. 14
Frontiers in Complex Dynamics: In Celebration of John Milnor's 80th Birthday; Araceli Bonifant. 11
Fulton, William; Introduction to Toric Varieties. (AM-131), Volume 131. 14
Functional Analysis: Introduction to Further Topics in Analysis; Elias M. Stein. 21
Functional Integration and Partial Differential Equations. (AM-109), Volume 109; Mark Iosifovich Freidlin. 14
Functional Operators (AM-21), Volume 1: Measures and Integrals. (AM-21); John von Neumann. 22
Functional Operators (AM-22), Volume 2: The Geometry of Orthogonal Spaces. (AM-22); John von Neumann. 22
Fundamental Papers in Wavelet Theory; Christopher Heil 15
Furstenberg, Harry; Stationary Processes and Prediction Theory. (AM-44), Volume 44. 14
Gaitsgory, Dennis; Weil's Conjecture for Function Fields: Volume I (AMS-199). 14, 14
Game Theory and Climate Change; Parkash Chander. . . . 12
Games for Your Mind: The History and Future of Logic Puzzles; Jason Rosenhouse. 9
Gamma: Exploring Euler's Constant; Julian Havil. 15
Gardner, Martin; Undiluted Hocus-Pocus: The Autobiography of Martin Gardner. 14, 14
Garoche, Pierre-Loïc; Formal Verification of Control System Software. 14
Gasqui, Jacques; Radon Transforms and the Rigidity of the Grassmannians (AM-156). 14
Gauss Sums, Kloosterman Sums, and Monodromy Groups. (AM-116), Volume 116; Nicholas M. Katz. 16
Gelbart, Stephen S.; Automorphic Forms on Adele Groups. (AM-83), Volume 83. 14
General Theory of Algebraic Equations; Etienne Bézout 11
Generalized Feynman Amplitudes. (AM-62), Volume 62; Eugene R. Speer. 21
Geometry and Cohomology of Some Simple Shimura Varieties. (AM-151), Volume 151, The; Michael Harris. 15
Geometry and Topology of Coxeter Groups. (LMS-32), The; Michael Davis. 12
Giaquinta, Mariano; Multiple Integrals in the Calculus of Variations and Nonlinear Elliptic Systems. (AM-105), Volume 105. 14
Global Nonlinear Stability of Schwarzschild Spacetime under Polarized Perturbations: (AMS-210); Jérémie Szeftel 21, 21
Global Surgery Formula for the Casson-Walker Invariant. (AM-140), Volume 140; Christine Lescop. 17
Gödel, Kurt; Consistency of the Continuum Hypothesis. (AM-3), Volume 3. 14
Goebel, Rafal; Hybrid Dynamical Systems: Modeling, Stability, and Robustness. 14

Golomb, Solomon W.; Polyominoes: Puzzles, Patterns, Problems, and Packings - Revised and Expanded Second Edition. 14
Golub, Gene H.; Matrices, Moments and Quadrature with Applications. 14
Google's PageRank and Beyond: The Science of Search Engine Rankings; Amy N. Langville. 17
Gorodnik, Alexander; The Ergodic Theory of Lattice Subgroups (AM-172). 14
Graczyk, Jacek; The Real Fatou Conjecture. (AM-144), Volume 144. 14
Granville, Andrew; Prime Suspects: The Anatomy of Integers and Permutations. 14
Graph Theoretic Methods in Multiagent Networks; Mehran Mesbahi. 18
Graphic Discovery: A Trout in the Milk and Other Visual Adventures; Howard Wainer. 22
Grattan–guinnes, I.; The Search for Mathematical Roots, 1870-1940: Logics, Set Theories and the Foundations of Mathematics from Cantor through Russell to Gödel. 14
Gray, Jeremy; Henri Poincaré: A Scientific Biography. 14
Gray, Jeremy; Plato's Ghost: The Modernist Transformation of Mathematics. 14
Green, Mark; Mumford-Tate Groups and Domains: Their Geometry and Arithmetic (AM-183). 14, 14
Green, Mark; On the Tangent Space to the Space of Algebraic Cycles on a Smooth Algebraic Variety. (AM-157). 14
Greenbaum, Anne; Numerical Methods: Design, Analysis, and Computer Implementation of Algorithms. 14
Green's Function Estimates for Lattice Schrödinger Operators and Applications. (AM-158); Jean Bourgain. . . . 11
Griffiths, Phillip A.; Differential Systems and Isometric Embeddings.(AM-114), Volume 114. 14
Griffiths, Phillip A.; Entire Holomorphic Mappings in One and Several Complex Variables. (AM-85), Volume 85. 14
Griffiths, Phillip A.; Topics in Transcendental Algebraic Geometry. (AM-106), Volume 106. 14
Grinberg, Raffi; The Real Analysis Lifesaver: All the Tools You Need to Understand Proofs. 14, 14
Gross-Zagier Formula on Shimura Curves, The: (AMS-184); Xinyi Yuan. 23, 23
Group Theory: Birdtracks, Lie's, and Exceptional Groups; Predrag Cvitanovic. 12, 12
Guesstimation 2.0: Solving Today's Problems on the Back of a Napkin; Lawrence Weinstein. 9
Guesstimation: Solving the World's Problems on the Back of a Cocktail Napkin; Lawrence Weinstein. 23
Guillemin, Victor; Cosmology in (2 + 1) -Dimensions, Cyclic Models, and Deformations of M2,1. (AM-121), Volume 121 15
Guillemin, Victor; Seminar on Micro-Local Analysis. (AM-93), Volume 93. 15
Gunning, Robert C.; An Introduction to Analysis. 15
Gunning, Robert C.; Lectures on Modular Forms. (AM-48), Volume 48. 15
Gunning, Robert C.; Lectures on Vector Bundles over Riemann Surfaces. (MN-6), Volume 6. 15
Hadamard Matrices and Their Applications; K. J. Horadam 15
Hadamard, Jaques; The Mathematician's Mind: The Psychology of Invention in the Mathematical Field. 15
Haddad, Wassim M.; Impulsive and Hybrid Dynamical Systems: Stability, Dissipativity, and Control. 15
Haddad, Wassim M.; Nonlinear Dynamical Systems and Control: A Lyapunov-Based Approach. 15
Haddad, Wassim M.; Nonnegative and Compartmental Dynamical Systems. 15
Haddad, Wassim M.; Stability and Control of Large-Scale Dynamical Systems: A Vector Dissipative Systems Approach 15
Haesemeyer, Christian; The Norm Residue Theorem in Motivic Cohomology: (AMS-200). 15, 15
Hahn, Alexander J.; Mathematical Excursions to the World's Great Buildings. 15
Halmos, Paul R.; Finite Dimensional Vector Spaces. (AM-7), Volume 7. 15
Hangzhou Lectures on Eigenfunctions of the Laplacian (AM-188); Christopher D. Sogge. 21, 21
Hardy Spaces on Homogeneous Groups. (MN-28), Volume 28; Gerald B. Folland. 13
Harman, Glyn; Prime-Detecting Sieves (LMS-33). 15, 15
Harmonic Analysis (PMS-43), Volume 43: Real-Variable Methods, Orthogonality, and Oscillatory Integrals. (PMS-43); Elias M. Stein. 21
Harmonic Analysis in Phase Space. (AM-122), Volume 122; Gerald B. Folland. 13
Harmonic Maps and Minimal Immersions with Symmetries (AM-130), Volume 130: Methods of Ordinary Differential Equations Applied to Elliptic Variational Problems. (AM-130); James Eells. 13
Harris, Michael; Mathematics without Apologies: Portrait of a Problematic Vocation. 15, 15
Harris, Michael; The Geometry and Cohomology of Some Simple Shimura Varieties. (AM-151), Volume 151. 15
Havil, Julian; Curves for the Mathematically Curious: An Anthology of the Unpredictable, Historical, Beautiful, and Romantic. 3, 15
Havil, Julian; Gamma: Exploring Euler's Constant. 15
Havil, Julian; Impossible?: Surprising Solutions to Counterintuitive Conundrums. 15
Havil, Julian; John Napier: Life, Logarithms, and Legacy. . . . 15
Havil, Julian; Nonplussed!: Mathematical Proof of Implausible Ideas. 15
Havil, Julian; The Irrationals: A Story of the Numbers You Can't Count On. 15
Heavenly Mathematics: The Forgotten Art of Spherical Trigonometry; Glen Van Brummelen. 9, 22
Heidergott, Bernd; Max Plus at Work: Modeling and Analysis of Synchronized Systems: A Course on Max-Plus Algebra and Its Applications. 15
Heil, Christopher; Fundamental Papers in Wavelet Theory 15
Henle, Jim; The Proof and the Pudding: What Mathematicians, Cooks, and You Have in Common. 15
Henneaux, Marc; Quantization of Gauge Systems. 15
Henri Poincaré: A Scientific Biography; Jeremy Gray. . . . 14
Hersh, Reuben; Loving and Hating Mathematics: Challenging the Myths of Mathematical Life. 15
Hespanha, João P.; Linear Systems Theory: Second Edition 15
Hespanha, João P.; Noncooperative Game Theory: An Introduction for Engineers and Computer Scientists. 15
Hidden Markov Processes: Theory and Applications to Biology; M. Vidyasagar. 22
Hidetoshi, Fukagawa; Sacred Mathematics: Japanese Temple Geometry. 15
Hierarchy of Turing Degrees, A: A Transfinite Hierarchy of Lowness Notions in the Computably Enumerable Degrees, Unifying Classes, and Natural Definability (AMS-206); Rod Downey. 13, 13
Higham, Nicholas J.; The Princeton Companion to Applied Mathematics. 7
Higher Topos Theory (AM-170); Jacob Lurie. 17
Hirsch, Morris W.; Smoothings of Piecewise Linear Manifolds. (AM-80), Volume 80. 15

Hirschfeld, J. W. P.; Algebraic Curves over a Finite Field. . . . 15
Hirzebruch, Friedrich; Prospects in Mathematics. (AM-70), Volume 70. 15
Hodge Theory (MN-49); Eduardo Cattani. 12
Homological Algebra (PMS-19), Volume 19; Henry Cartan 12
Honors Calculus; Charles R. MacCluer. 17
Horadam, K. J.; Hadamard Matrices and Their Applications 15
Hörmander, Lars; Seminar on Singularities of Solutions of Linear Partial Differential Equations. (AM-91), Volume 91. . . 15
How Mathematicians Think: Using Ambiguity, Contradiction, and Paradox to Create Mathematics; William Byers. 11
How Round Is Your Circle?: Where Engineering and Mathematics Meet; John Bryant. 11
How to Fall Slower Than Gravity: And Other Everyday (and Not So Everyday) Uses of Mathematics and Physical Reasoning; Paul J. Nahin. 2, 19
How to Read Historical Mathematics; Benjamin Wardhaugh 22
How to Solve It: A New Aspect of Mathematical Method; G. Polya. 8
Hrushovski, Ehud; Non-Archimedean Tame Topology and Stably Dominated Types (AM-192). 15, 15
Huber, Michael; Mythematics: Solving the Twelve Labors of Hercules. 16, 16
Hybrid Dynamical Systems: Modeling, Stability, and Robustness; Rafal Goebel. 14
Hybrid Feedback Control; Ricardo G. Sanfelice. 20
Hyperfunctions on Hypo-Analytic Manifolds (AM-136), Volume 136; Paulo Cordaro. 12
Hypoelliptic Laplacian and Orbital Integrals (AM-177); Jean-Michel Bismut. 11
Hypoelliptic Laplacian and Ray-Singer Metrics. (AM-167), The; Jean-Michel Bismut. 11
Ikromov, Isroil A.; Fourier Restriction for Hypersurfaces in Three Dimensions and Newton Polyhedra (AM-194). . . . 16, 16
Imaginary Tale, An: The Story of v-1; Paul J. Nahin. 9
Imhausen, Annette; Mathematics in Ancient Egypt: A Contextual History. 16, 16
Impossible?: Surprising Solutions to Counterintuitive Conundrums; Julian Havil. 15
Impulsive and Hybrid Dynamical Systems: Stability, Dissipativity, and Control; Wassim M. Haddad. 15
In Pursuit of the Traveling Salesman: Mathematics at the Limits of Computation; William J. Cook. 12
In Pursuit of Zeta-3: The World's Most Mysterious Unsolved Math Problem; Paul J. Nahin. 1
Infinite Loop Spaces (AM-90), Volume 90: Hermann Weyl Lectures, The Institute for Advanced Study. (AM-90); John Frank Adams. 10
Infinity and the Mind: The Science and Philosophy of the Infinite; Rudy Rucker. 20
Integration of One-forms on P-adic Analytic Spaces. (AM-162); Vladimir G. Berkovich. 11
Introduction to Algebraic K-Theory. (AM-72), Volume 72; L.p. Milnor. 18
Introduction to Analysis, An; Robert C. Gunning. 15
Introduction to Arithmetic Theory of Automorphic Functions; Goro Shimura. 21
Introduction to Benford's Law, An; Arno Berger. 11
Introduction to Differential Equations with Dynamical Systems; Stephen L. Campbell. 11
Introduction to Ergodic Theory (MN-18), Volume 18: Preliminary Informal Notes of University Courses and Seminars in Mathematics. (MN-18); Iakov Grigorevi Sinai 21
Introduction to Fourier Analysis on Euclidean Spaces (PMS-32), Volume 32; Elias M. Stein. 21
Introduction to G-Functions. (AM-133), Volume 133, An; Bernard Dwork. 13
Introduction to Linear Transformations in Hilbert Space. (AM-4), Volume 4, An; Francis Joseph Murray. 18
Introduction to Mathematical Logic (PMS-13), Volume 13; Alonzo Church. 12
Introduction to Non-Linear Mechanics. (AM-11), Volume 11; Nikolai Mitrofanovich Krylov. 16
Introduction to Partial Differential Equations: Second Edition; Gerald B. Folland. 13
Introduction to Ramsey Spaces (AM-174); Stevo Todorcevic 22
Introduction to the Numerical Solution of Markov Chains; William J. Stewart. 21
Introduction to Toric Varieties. (AM-131), Volume 131; William Fulton. 14
Introductory Lectures on Equivariant Cohomology: (AMS-204); Loring W. Tu. 22, 22
Invariant Forms on Grassmann Manifolds. (AM-89), Volume 89; Wilhelm Stoll. 21
Invitation to Mathematics; Konrad Jacobs. 16
Invitation to Modern Number Theory, An; Steven J. Miller 18
Irrationals, The: A Story of the Numbers You Can't Count On; Julian Havil. 15
Isoperimetric Inequalities in Mathematical Physics. (AM-27), Volume 27; G. Polya. 19
Iwasawa, Kinkichi; Lectures on P-Adic L-Functions. (AM-74), Volume 74. 16
Jacobs, Konrad; Invitation to Mathematics. 16
Jayne, John E.; Selectors. 16
John Napier: Life, Logarithms, and Legacy; Julian Havil 15
Joy of SET, The: The Many Mathematical Dimensions of a Seemingly Simple Card Game; Liz Mcmahon. 18
Joy of SET, The: The Many Mathematical Dimensions of a Seemingly Simple Card Game; Liz McMahon. 18
Juditsky, Anatoli; Statistical Inference via Convex Optimization 16
Kamvissis, Spyridon; Semiclassical Soliton Ensembles for the Focusing Nonlinear Schrödinger Equation (AM-154). 16
Kato, Kazuya; Classifying Spaces of Degenerating Polarized Hodge Structures. (AM-169). 16
Katz, Nicholas M.; Arithmetic Moduli of Elliptic Curves. (AM-108), Volume 108. 16
Katz, Nicholas M.; Convolution and Equidistribution: Sato-Tate Theorems for Finite-Field Mellin Transforms (AM-180) 16, 16
Katz, Nicholas M.; Exponential Sums and Differential Equations. (AM-124), Volume 124. 16
Katz, Nicholas M.; Gauss Sums, Kloosterman Sums, and Monodromy Groups. (AM-116), Volume 116. 16
Katz, Nicholas M.; Moments, Monodromy, and Perversity. (AM-159): A Diophantine Perspective. (AM-159). 16
Katz, Nicholas M.; Rigid Local Systems. (AM-139), Volume 139 16
Katz, Nicholas M.; Twisted L-Functions and Monodromy. (AM-150), Volume 150. 16
Katz, Victor J.; Taming the Unknown: A History of Algebra from Antiquity to the Early Twentieth Century. 16, 16

Katz, Victor J.; The Mathematics of Egypt, Mesopotamia, China, India, and Islam: A Sourcebook. 16
Kauffman, Louis H.; On Knots. (AM-115), Volume 115. 16
Kauffman, Louis H.; Temperley-Lieb Recoupling Theory and Invariants of 3-Manifolds (AM-134), Volume 134. 16
Kernighan, Brian W.; Millions, Billions, Zillions: Defending Yourself in a World of Too Many Numbers. 8, 16
Kirby, Robion C.; Foundational Essays on Topological Manifolds, Smoothings, and Triangulations. (AM-88), Volume 88. 16
Kirwan, Frances Clare; Cohomology of Quotients in Symplectic and Algebraic Geometry. (MN-31), Volume 31. 16
Klemens, Ben; Modeling with Data: Tools and Techniques for Scientific Computing. 16
Knapp, Anthony W.; Cohomological Induction and Unitary Representations (PMS-45), Volume 45. 16
Knapp, Anthony W.; Elliptic Curves. (MN-40), Volume 40. . . .16
Knapp, Anthony W.; Lie Groups, Lie Algebras, and Cohomology. (MN-34), Volume 34. 16
Knapp, Anthony W.; Representation Theory of Semisimple Groups: An Overview Based on Examples (PMS-36). 16
Knot Groups. Annals of Mathematics Studies. (AM-56), Volume 56; Lee Paul Neuwirth. 19
Knots, Groups and 3-Manifolds (AM-84), Volume 84: Papers Dedicated to the Memory of R.H. Fox. (AM-84); Lee Paul Neuwirth. 19
Kollár, János; Lectures on Resolution of Singularities (AM-166) 16
Kramer, Edna Ernestine; The Nature and Growth of Modern Mathematics. 16
Kriz, Daniel; Supersingular p-adic L-functions, Maass-Shimura Operators and Waldspurger Formulas: (AMS-212). 16, 16
Krylov, Nikolai Mitrofanovich; Introduction to Non-Linear Mechanics. (AM-11), Volume 11. 16
K-Theory of Forms. (AM-98), Volume 98; Anthony Bak. . . . 10
Kudla, Stephen S.; Modular Forms and Special Cycles on Shimura Curves. (AM-161). 17
Kuhn, Harold William; Lectures on the Theory of Games (AM-37). 17
Kuhn, Harold William; Linear Inequalities and Related Systems. (AM-38), Volume 38. 17
Kuipers, J. B.; Quaternions and Rotation Sequences: A Primer with Applications to Orbits, Aerospace and Virtual Reality. . . 17
Kumpera, Antonio; Lie Equations, Vol. I: General Theory. (AM-73). 17
Lan, Kai-Wen; Arithmetic Compactifications of PEL-Type Shimura Varieties. 17
Lane, Matthew; Power-Up: Unlocking the Hidden Mathematics in Video Games. 17, 17
Langville, Amy N.; Google's PageRank and Beyond: The Science of Search Engine Rankings. 17
Laufer, Henry B.; Normal Two-Dimensional Singularities. (AM-71), Volume 71. 17
Lawson, H. Blaine; Spin Geometry (PMS-38), Volume 38. . . 17
Lax, Peter D.; Scattering Theory for Automorphic Functions. (AM-87), Volume 87. 17
Lebedev, Leonid P.; Approximating Perfection: A Mathematician's Journey into the World of Mechanics. 17
Lectures on Curves on an Algebraic Surface. (AM-59), Volume 59; David Mumford. 18
Lectures on Differential Equations. (AM-14), Volume 14; Solomon Lefschetz. 17
Lectures on Fourier Integrals. (AM-42), Volume 42; Salomon Bochner Trust. 22
Lectures on Hermite and Laguerre Expansions. (MN-42), Volume 42; Sundaram Thangavelu. 22
Lectures on Modular Forms. (AM-48), Volume 48; Robert C. Gunning. 15
Lectures on P-Adic L-Functions. (AM-74), Volume 74; Kinkichi Iwasawa. 16
Lectures on Pseudo-Differential Operators: Regularity Theorems and Applications to Non-Elliptic Problems. (MN-24); Alexander Nagel. 18, 18
Lectures on Resolution of Singularities (AM-166); János Kollár. 16
Lectures on the Arithmetic Riemann-Roch Theorem. (AM-127), Volume 127; Gerd Faltings. 13
Lectures on the Theory of Games (AM-37); Harold William Kuhn. 17
Lectures on Vector Bundles over Riemann Surfaces. (MN-6), Volume 6; Robert C. Gunning. 15
Lefschetz, Solomon; Contributions to the Theory of Nonlinear Oscillations (AM-20), Volume I. 17
Lefschetz, Solomon; Contributions to the Theory of Nonlinear Oscillations (AM-29), Volume II. 17
Lefschetz, Solomon; Contributions to the Theory of Nonlinear Oscillations (AM-36), Volume III. 17
Lefschetz, Solomon; Lectures on Differential Equations. (AM-14), Volume 14. 17
Lefschetz, Solomon; Topics in Topology. (AM-10), Volume 10 17
Leibon, Greg; Data Analysis for Complex Systems: A Linear Algebra Approach. 17
Lescop, Christine; Global Surgery Formula for the Casson-Walker Invariant. (AM-140), Volume 140. 17
Levi, Mark; The Mathematical Mechanic: Using Physical Reasoning to Solve Problems. 8
Levi, Mark; Why Cats Land on Their Feet: And 76 Other Physical Paradoxes and Puzzles. 17
Lewis, Harry; Essential Discrete Mathematics for Computer Science. 17
Liapounoff, Alexandr Mikhailovich; Probleme General de la Stabilite du Mouvement. (AM-17), Volume 17. 17
Liberzon, Daniel; Calculus of Variations and Optimal Control Theory: A Concise Introduction. 17
Lie Equations, Vol. I: General Theory. (AM-73); Antonio Kumpera. 17
Lie Groups, Lie Algebras, and Cohomology. (MN-34), Volume 34; Anthony W. Knapp. 16
Lindenstrauss, Joram; Fréchet Differentiability of Lipschitz Functions and Porous Sets in Banach Spaces (AM-179) 17, 17
Linear Inequalities and Related Systems. (AM-38), Volume 38; Harold William Kuhn. 17
Linear Programming and Extensions; George Dantzig. . . 12
Linear Systems Theory: Second Edition; João P. Hespanha 15
Local Search in Combinatorial Optimization. 10
Log-Gases and Random Matrices (LMS-34); Peter J. Forrester. 14
Logician and the Engineer, The: How George Boole and Claude Shannon Created the Information Age; Paul J. Nahin. 19
Loveland, Donald W.; Three Views of Logic: Mathematics, Philosophy, and Computer Science. 17
Loving and Hating Mathematics: Challenging the Myths of Mathematical Life; Reuben Hersh. 15
Luby, Michael; Pseudorandomness and Cryptographic Applications. 17
Luneburg, R. K.; Mathematical Theory of Optics. 17, 17
Lupton, Robert; Statistics in Theory and Practice. 17
Lurie, Jacob; Higher Topos Theory (AM-170). 17
Lusztig, George; Characters of Reductive Groups over a Finite Field. (AM-107), Volume 107. 17

Lusztig, George; Discrete Series of GLn Over a Finite Field. (AM-81), Volume 81. 17
MacCluer, Charles R.; Honors Calculus. 17
Madsen, Ib; Classifying Spaces for Surgery and Corbordism of Manifolds. (AM-92), Volume 92. 17
Magical Mathematics: The Mathematical Ideas That Animate Great Magic Tricks; Persi Diaconis. 8, 13
Making and Breaking Mathematical Sense: Histories and Philosophies of Mathematical Practice; Roi Wagner. 22
Maor, Eli; Beautiful Geometry. 17
Maor, Eli; e: The Story of a Number: The Story of a Number 8
Maor, Eli; Music by the Numbers: From Pythagoras to Schoenberg. 5, 18
Maor, Eli; The Pythagorean Theorem: A 4,000-Year History 18, 18
Maor, Eli; Trigonometric Delights. 8, 18
Marcus, Michael B.; Random Fourier Series with Applications to Harmonic Analysis. (AM-101), Volume 101. 18
Markov Processes from K. Itô's Perspective (AM-155); Daniel W. Stroock. 21
Martínez, Alberto A.; Negative Math: How Mathematical Rules Can Be Positively Bent. 18
Master Equation and the Convergence Problem in Mean Field Games, The: (AMS-201); Pierre Cardaliaguet. . . . 12, 12
Math Bytes: Google Bombs, Chocolate-Covered Pi, and Other Cool Bits in Computing; Tim P. Chartier. 12
Mathematical Analysis of Deterministic and Stochastic Problems in Complex Media Electromagnetics; G. F. Roach 20
Mathematical Aspects of Nonlinear Dispersive Equations (AM-163). 11
Mathematical Century, The: The 30 Greatest Problems of the Last 100 Years; Piergiorgio Odifreddi. 19
Mathematical Excursions to the World's Great Buildings; Alexander J. Hahn. 15
Mathematical Mechanic, The: Using Physical Reasoning to Solve Problems; Mark Levi. 8
Mathematical Methods in Elasticity Imaging; Habib Ammari 10
Mathematical Methods of Statistics (PMS-9), Volume 9; Harald Cramér. 12
Mathematical Theory of Evidence, A; Glenn Shafer. 20
Mathematical Theory of Optics; R. K. Luneburg. 17, 17
Mathematician's Brain, The: A Personal Tour Through the Essentials of Mathematics and Some of the Great Minds Behind Them; David Ruelle. 20
Mathematicians Fleeing from Nazi Germany: Individual Fates and Global Impact; Reinhard Siegmund-Schultze. . . 21
Mathematician's Mind, The: The Psychology of Invention in the Mathematical Field; Jaques Hadamard. 15
Mathematicians under the Nazis; Sanford L. Segal. 20
Mathematics and Computation: A Theory Revolutionizing Technology and Science; Avi Wigderson. 23
Mathematics and Plausible Reasoning, Volume 1: Induction and Analogy in Mathematics; G Polya. 20
Mathematics and Plausible Reasoning, Volume 2: Logic, Symbolic and mathematical; G Polya. 20
Mathematics Elsewhere: An Exploration of Ideas Across Cultures; Marcia Ascher. 10
Mathematics for the Life Sciences; Erin N. Bodine. 11
Mathematics in Ancient Egypt: A Contextual History; Annette Imhausen. 16, 16
Mathematics in Ancient Iraq: A Social History; Eleanor Robson. 20
Mathematics in India; Kim Plofker. 19
Mathematics in Nature: Modeling Patterns in the Natural World; John A. Adam. 10
Mathematics of Egypt, Mesopotamia, China, India, and Islam, The: A Sourcebook; Victor J. Katz. 16
Mathematics of Shock Reflection-Diffraction and von Neumann's Conjectures, The: (AMS-197); Gui-Qiang G Chen. 12, 12
Mathematics of the Heavens and the Earth, The: The Early History of Trigonometry; Glen Van Brummelen. 22
Mathematics of Various Entertaining Subjects, The: Research in Games, Graphs, Counting, and Complexity, Volume 2; Jennifer Beineke. 10
Mathematics of Various Entertaining Subjects, The: Research in Recreational Math. 10
Mathematics of Various Entertaining Subjects, The: Volume 3: The Magic of Mathematics; Jennifer Beineke 10
Mathematics of Wave Propagation; Julian L. Davis. 12
Mathematics without Apologies: Portrait of a Problematic Vocation; Michael Harris. 15, 15
Mathletics: How Gamblers, Managers, and Fans Use Mathematics in Sports, Second Edition; Wayne L. Winston 4
Mathletics: How Gamblers, Managers, and Sports Enthusiasts Use Mathematics in Baseball, Basketball, and Football; Wayne L. Winston. 23
Matrices, Moments and Quadrature with Applications; Gene H. Golub. 14
Matrix Completions, Moments, and Sums of Hermitian Squares; Mihály Bakonyi. 10
Matrix Mathematics: Theory, Facts, and Formulas - Second Edition; Dennis S. Bernstein. 11
Max Plus at Work: Modeling and Analysis of Synchronized Systems: A Course on Max-Plus Algebra and Its Applications; Bernd Heidergott. 15
Mazur, Joseph; Enlightening Symbols: A Short History of Mathematical Notation and Its Hidden Powers. 18, 18
Mazur, Joseph; What's Luck Got to Do with It?: The History, Mathematics, and Psychology of the Gambler's Illusion. 18
Mcmahon, Liz; The Joy of SET: The Many Mathematical Dimensions of a Seemingly Simple Card Game. 18
McMahon, Liz; The Joy of SET: The Many Mathematical Dimensions of a Seemingly Simple Card Game. 18
McMullen, Curtis T.; Complex Dynamics and Renormalization (AM-135), Volume 135. 18
McMullen, Curtis T.; Renormalization and 3-Manifolds Which Fiber over the Circle (AM-142), Volume 142. 18
McRobie, Allan; The Seduction of Curves: The Lines of Beauty That Connect Mathematics, Art, and the Nude. 18
McShane, Edward J.; Order-Preserving Maps and Integration Processes. (AM-31), Volume 31. 18
Meromorphic Functions and Analytic Curves. (AM-12); Hermann Weyl. 23
Mesbahi, Mehran; Graph Theoretic Methods in Multiagent Networks. 18
Metric Methods of Finsler Spaces and in the Foundations of Geometry. (AM-8); Herbert Busemann. 11
Miller, Charles F.; On Group-Theoretic Decision Problems and Their Classification. (AM-68), Volume 68. 18
Miller, Steven J.; An Invitation to Modern Number Theory. . . 18
Miller, Steven J.; Benford's Law: Theory and Applications. . . 18
Miller, Steven J.; The Probability Lifesaver: All the Tools You Need to Understand Chance. 18, 18
Millions, Billions, Zillions: Defending Yourself in a World of Too Many Numbers; Brian W. Kernighan. 8, 16
Milnor, John; Characteristic Classes. (AM-76), Volume 76 18

Milnor, John; Dynamics in One Complex Variable. (AM-160): (AM-160) - Third Edition. 18
Milnor, John; Morse Theory. (AM-51), Volume 51. 18
Milnor, John; Singular Points of Complex Hypersurfaces. (AM-61), Volume 61. 18
Milnor, John; Topology from the Differentiable Viewpoint. . . . 18
Milnor, L.p.; Introduction to Algebraic K-Theory. (AM-72), Volume 72. 18
Mind and Nature: Selected Writings on Philosophy, Mathematics, and Physics; Hermann Weyl. 23
Modeling with Data: Tools and Techniques for Scientific Computing; Ben Klemens. 16
Modern Anti-windup Synthesis: Control Augmentation for Actuator Saturation; Luca Zaccarian. 23
Modern Methods in Complex Analysis (AM-137), Volume 137: The Princeton Conference in Honor of Gunning and Kohn. (AM-137). 11
Modular Forms and Special Cycles on Shimura Curves. (AM-161); Stephen S. Kudla. 17
Moments, Monodromy, and Perversity. (AM-159): A Diophantine Perspective. (AM-159); Nicholas M. Katz. . . . 16
Morel, Sophie; On the Cohomology of Certain Non-Compact Shimura Varieties (AM-173). 18
Morgan, John W.; The Seiberg-Witten Equations and Applications to the Topology of Smooth Four-Manifolds. (MN-44), Volume 44. 18
Morse Theory. (AM-51), Volume 51; John Milnor. 18
Morse, Marston; Topological Methods in the Theory of Functions of a Complex Variable. (AM-15), Volume 15. 18
Morse, Philip M.; Theoretical Acoustics. 18
Mostow, G. Daniel; Strong Rigidity of Locally Symmetric Spaces. (AM-78), Volume 78. 18
Mrs. Perkins's Electric Quilt: And Other Intriguing Stories of Mathematical Physics; Paul J. Nahin. 19
Mühlherr, Bernhard; Descent in Buildings (AM-190). 18, 18
Multi-parameter Singular Integrals. (AM-189), Volume I; Brian Street. 21
Multiple Integrals in the Calculus of Variations and Nonlinear Elliptic Systems. (AM-105), Volume 105; Mariano Giaquinta. 14
Mumford, David; Lectures on Curves on an Algebraic Surface. (AM-59), Volume 59. 18
Mumford-Tate Groups and Domains: Their Geometry and Arithmetic (AM-183); Mark Green. 14, 14
Munkres, James R.; Elementary Differential Topology. (AM-54), Volume 54. 18
Murray, Francis Joseph; An Introduction to Linear Transformations in Hilbert Space. (AM-4), Volume 4. 18
Music by the Numbers: From Pythagoras to Schoenberg; Eli Maor. 5, 18
Music, Math, and Mind: The Physics and Neuroscience of Music; David Sulzer. 5
Mythematics: Solving the Twelve Labors of Hercules; Michael Huber. 16, 16
Nagel, Alexander; Lectures on Pseudo-Differential Operators: Regularity Theorems and Applications to Non-Elliptic Problems. (MN-24). 18, 18
Nahin, Paul J.; An Imaginary Tale: The Story of v-1. 9
Nahin, Paul J.; Chases and Escapes: The Mathematics of Pursuit and Evasion. 18
Nahin, Paul J.; Digital Dice: Computational Solutions to Practical Probability Problems. 19
Nahin, Paul J.; Dr. Euler's Fabulous Formula: Cures Many Mathematical Ills. 9
Nahin, Paul J.; Duelling Idiots and Other Probability Puzzlers 19
Nahin, Paul J.; How to Fall Slower Than Gravity: And Other Everyday (and Not So Everyday) Uses of Mathematics and Physical Reasoning. 2, 19
Nahin, Paul J.; In Pursuit of Zeta-3: The World's Most Mysterious Unsolved Math Problem. 1
Nahin, Paul J.; Mrs. Perkins's Electric Quilt: And Other Intriguing Stories of Mathematical Physics. 19
Nahin, Paul J.; Number-Crunching: Taming Unruly Computational Problems from Mathematical Physics to Science Fiction. 19
Nahin, Paul J.; The Logician and the Engineer: How George Boole and Claude Shannon Created the Information Age. . . 19
Nahin, Paul J.; When Least Is Best: How Mathematicians Discovered Many Clever Ways to Make Things as Small (or as Large) as Possible. 9, 19
Nahin, Paul J.; Will You Be Alive 10 Years from Now?: And Numerous Other Curious Questions in Probability. 19, 19
Nash, John; The Essential John Nash. 9
Nature and Growth of Modern Mathematics, The; Edna Ernestine Kramer. 16
Needham, Tristan; Visual Differential Geometry and Forms: A Mathematical Drama in Five Acts. 19, 19
Neeman, Amnon; Triangulated Categories. (AM-148), Volume 148. 19
Negative Math: How Mathematical Rules Can Be Positively Bent; Alberto A. Martínez. 18
Nelson, Edward; Dynamical Theories of Brownian Motion 19
Nelson, Edward; Radically Elementary Probability Theory. (AM-117), Volume 117. 19
Neumann Problem for the Cauchy-Riemann Complex. (AM-75), Volume 75, The; Gerald B. Folland. 14
Neuwirth, Lee Paul; Knot Groups. Annals of Mathematics Studies. (AM-56), Volume 56. 19
Neuwirth, Lee Paul; Knots, Groups and 3-Manifolds (AM-84), Volume 84: Papers Dedicated to the Memory of R.H. Fox. (AM-84). 19
New Directions in the Philosophy of Mathematics: An Anthology - Revised and Expanded Edition. 22
Newman, Mark; The Structure and Dynamics of Networks 19
Niederreiter, Harald; Algebraic Geometry in Coding Theory and Cryptography. 19
Nilpotence and Periodicity in Stable Homotopy Theory. (AM-128), Volume 128; Douglas C. Ravenel. 20
Nineteenth-Century Music; Carl Dahlhaus. 23
Non-Archimedean Tame Topology and Stably Dominated Types (AM-192); Ehud Hrushovski. 15, 15
Noncooperative Game Theory: An Introduction for Engineers and Computer Scientists; João P. Hespanha 15
Nonlinear Dynamical Systems and Control: A Lyapunov-Based Approach; Wassim M. Haddad. 15
Nonlinear Optimization; Andrzej Ruszczynski. 20
Nonnegative and Compartmental Dynamical Systems; Wassim M. Haddad. 15
Nonplussed!: Mathematical Proof of Implausible Ideas; Julian Havil. 15
Non-standard Analysis; Abraham Robinson. 20
Norm Residue Theorem in Motivic Cohomology, The: (AMS-200); Christian Haesemeyer. 15, 15
Normal Two-Dimensional Singularities. (AM-71), Volume 71 ; Henry B. Laufer. 17
Number Theory: A Historical Approach; John J. Watkins 23

Number-Crunching: Taming Unruly Computational Problems from Mathematical Physics to Science Fiction; Paul J. Nahin. 19
Numbers Rule: The Vexing Mathematics of Democracy, from Plato to the Present; George Szpiro. 9, 21
Numerical Analysis; L. Ridgway Scott. 20
Numerical Methods for Stochastic Computations: A Spectral Method Approach; Dongbin Xiu. 23
Numerical Methods: Design, Analysis, and Computer Implementation of Algorithms; Anne Greenbaum. 14
Odifreddi, Piergiorgio; The Mathematical Century: The 30 Greatest Problems of the Last 100 Years. 19
Office Hours with a Geometric Group Theorist. 12
On Group-Theoretic Decision Problems and Their Classification. (AM-68), Volume 68; Charles F. Miller III. . . 18
On Knots. (AM-115), Volume 115; Louis H. Kauffman. 16
On the Cohomology of Certain Non-Compact Shimura Varieties (AM-173); Sophie Morel. 18
On the Tangent Space to the Space of Algebraic Cycles on a Smooth Algebraic Variety. (AM-157); Mark Green. 14
Opt Art: From Mathematical Optimization to Visual Design; Robert Bosch. 11
Optimization Algorithms on Matrix Manifolds; P.-A. Absil 10
Optimization: Insights and Applications; Jan Brinkhuis 11
Order-Preserving Maps and Integration Processes. (AM-31), Volume 31; Edward J. McShane. 18
Ording, Philip; 99 Variations on a Proof. 2, 19
Ouhabaz, El-Maati; Analysis of Heat Equations on Domains. (LMS-31). 19
Outer Billiards on Kites (AM-171); Richard Evan Schwartz 20
p-adic Simpson Correspondence (AM-193), The; Ahmed Abbes. 10, 10
Partial Differential Equations: An Introduction to Theory and Applications; Michael Shearer. 21
Pasles, Paul C.; Benjamin Franklin's Numbers: An Unsung Mathematical Odyssey. 19
Peng, Jiming; Self-Regularity: A New Paradigm for Primal-Dual Interior-Point Algorithms. 19
Penner, R. C.; Combinatorics of Train Tracks. (AM-125), Volume 125. 19
Period Spaces for p-divisible Groups (AM-141), Volume 141; Michael Rapoport. 20
Perspective and Projective Geometry; Annalisa Crannell 12, 12
Philosophy of Mathematics and Natural Science; Hermann Weyl. 23
Pickover, Clifford A.; The Zen of Magic Squares, Circles, and Stars: An Exhibition of Surprising Structures across Dimensions. 19
Pitici, Mircea; The Best Writing on Mathematics 2010. 19
Pitici, Mircea; The Best Writing on Mathematics 2016. 19
Pitici, Mircea; The Best Writing on Mathematics 2017. 19
Pitici, Mircea; The Best Writing on Mathematics 2019. 19
Pitici, Mircea; The Best Writing on Mathematics 2021. . . . 6, 19
Plaid Model, The: (AMS-198); Richard Evan Schwartz 20, 20
Plato's Ghost: The Modernist Transformation of Mathematics; Jeremy Gray. 14
Plofker, Kim; Mathematics in India. 19
Polya, G.; How to Solve It: A New Aspect of Mathematical Method. 8
Polya, G.; Isoperimetric Inequalities in Mathematical Physics. (AM-27), Volume 27. 19
Polya, G; Mathematics and Plausible Reasoning, Volume 1: Induction and Analogy in Mathematics. 20
Polya, G; Mathematics and Plausible Reasoning, Volume 2: Logic, Symbolic and mathematical. 20
Polyominoes: Puzzles, Patterns, Problems, and Packings - Revised and Expanded Second Edition; Solomon W. Golomb. 14
Positive Definite Matrices; Rajendra Bhatia. 11
Post, Emil L.; The Two-Valued Iterative Systems of Mathematical Logic. (AM-5), Volume 5. 20
Power-Up: Unlocking the Hidden Mathematics in Video Games; Matthew Lane. 17, 17
Prime Suspects: The Anatomy of Integers and Permutations; Andrew Granville. 14
Prime-Detecting Sieves (LMS-33); Glyn Harman. 15, 15
Primer on Mapping Class Groups (PMS-49), A; Benson Farb 13
Princeton Companion to Applied Mathematics, The; Nicholas J. Higham. 7
Princeton Companion to Mathematics, The. 7
Probability Lifesaver, The: All the Tools You Need to Understand Chance; Steven J. Miller. 18, 18
Probability, Markov Chains, Queues, and Simulation: The Mathematical Basis of Performance Modeling; William J. Stewart. 21
Probleme General de la Stabilite du Mouvement. (AM-17), Volume 17; Alexandr Mikhailovich Liapounoff. 17
Profinite Groups, Arithmetic, and Geometry. (AM-67), Volume 67; Stephen S. Shatz. 20
Proof and the Pudding, The: What Mathematicians, Cooks, and You Have in Common; Jim Henle. 15
Prospects in Mathematics. (AM-70), Volume 70; Friedrich Hirzebruch. 15
Prospects in Topology (AM-138), Volume 138: Proceedings of a Conference in Honor of William Browder. (AM-138) 20
Pseudorandomness and Cryptographic Applications; Michael Luby. 17
Pythagoras' Revenge: A Mathematical Mystery; Arturo Sangalli. 20
Pythagorean Theorem, The: A 4,000-Year History; Eli Maor 18, 18
Quadrangular Algebras. (MN-46); Richard M. Weiss. 23
Quantization of Gauge Systems; Marc Henneaux. 15
Quaternions and Rotation Sequences: A Primer with Applications to Orbits, Aerospace and Virtual Reality; J. B. Kuipers. 17
Rademacher, Hans; The Enjoyment of Math. 20
Radically Elementary Probability Theory. (AM-117), Volume 117; Edward Nelson. 19
Radon Transforms and the Rigidity of the Grassmannians (AM-156); Jacques Gasqui. 14
Raghuram, Anantharam; Eisenstein Cohomology for GL_N and the Special Values of Rankin–Selberg L-Functions: (AMS-203). 20, 20
Ramification Theoretic Methods in Algebraic Geometry (AM-43), Volume 43; Shreeram Shanka Abhyankar. 10
Random Fourier Series with Applications to Harmonic Analysis. (AM-101), Volume 101; Michael B. Marcus. 18
Rapoport, Michael; Period Spaces for p-divisible Groups (AM-141), Volume 141. 20
Rational Decisions; Ken Binmore. 11
Ravenel, Douglas C.; Nilpotence and Periodicity in Stable Homotopy Theory. (AM-128), Volume 128. 20
Rays, Waves, and Scattering: Topics in Classical Mathematical Physics; John A. Adam. 10

Real Analysis Lifesaver, The: All the Tools You Need to Understand Proofs; Raffi Grinberg. 14, 14
Real Analysis: Measure Theory, Integration, and Hilbert Spaces; Elias M. Stein. 21
Real Fatou Conjecture. (AM-144), Volume 144, The; Jacek Graczyk. 14
Real Submanifolds in Complex Space and Their Mappings (PMS-47); M. Salah Baouendi. 10
Recent Developments in Several Complex Variables. (AM-100), Volume 100; John Erik Fornaess. 14
Reimer, David; Count Like an Egyptian: A Hands-on Introduction to Ancient Mathematics. 20
Renormalization and 3-Manifolds Which Fiber over the Circle (AM-142), Volume 142; Curtis T. McMullen. 18
Representation Theory of Semisimple Groups: An Overview Based on Examples (PMS-36); Anthony W. Knapp 16
Reverse Mathematics: Proofs from the Inside Out; John Stillwell. 9, 21
Richeson, David S.; Euler's Gem: The Polyhedron Formula and the Birth of Topology. 9, 20
Richeson, David S.; Tales of Impossibility: The 2000-Year Quest to Solve the Mathematical Problems of Antiquity. . . 3, 20
Riemann Surfaces Related Topics (AM-97), Volume 97: Proceedings of the 1978 Stony Brook Conference. (AM-97) 16
Riemannian Geometry; Luther Pfahler Eisenhart. 13
Rigid Local Systems. (AM-139), Volume 139; Nicholas M. Katz. 16
Roach, G. F.; Mathematical Analysis of Deterministic and Stochastic Problems in Complex Media Electromagnetics 20
Robinson, Abraham; Non-standard Analysis. 20
Robson, Eleanor; Mathematics in Ancient Iraq: A Social History 20
Robust Optimization; Aharon Ben-Tal. 11
Rockafellar, Ralph Tyrell; Convex Analysis: (PMS-28). 20
Rodman, Leiba; Topics in Quaternion Linear Algebra. 20
Rogawski, Jonathan David; Automorphic Representation of Unitary Groups in Three Variables. (AM-123), Volume 123 20
Rosenhouse, Jason; Games for Your Mind: The History and Future of Logic Puzzles. 9
Rubin, Karl; Euler Systems. (AM-147), Volume 147. 20
Rucker, Rudy; Infinity and the Mind: The Science and Philosophy of the Infinite. 20
Ruelle, David; Chance and Chaos. 20
Ruelle, David; The Mathematician's Brain: A Personal Tour Through the Essentials of Mathematics and Some of the Great Minds Behind Them. 20
Rustem, Berç; Algorithms for Worst-Case Design and Applications to Risk Management. 20
Ruszczynski, Andrzej; Nonlinear Optimization. 20
Sacks, Gerald E.; Degrees of Unsolvability. (AM-55), Volume 55. 20
Sacred Mathematics: Japanese Temple Geometry; Fukagawa Hidetoshi. 15
Sanfelice, Ricardo G.; Hybrid Feedback Control. 20
Sangalli, Arturo; Pythagoras' Revenge: A Mathematical Mystery 20
Scalar, Vector, and Matrix Mathematics: Theory, Facts, and Formulas - Revised and Expanded Edition; Dennis S. Bernstein. 11, 11
Scattering Theory for Automorphic Functions. (AM-87), Volume 87; Peter D. Lax. 17
Schatten, Robert; A Theory of Cross-Spaces. (AM-26), Volume 26. 20
Schechter, Eric; Classical and Nonclassical Logics: An Introduction to the Mathematics of Propositions. 20
Scholze, Peter; Berkeley Lectures on p-adic Geometry: (AMS-207). 20, 20
Schwartz, Richard Evan; Outer Billiards on Kites (AM-171) 20
Schwartz, Richard Evan; Spherical CR Geometry and Dehn Surgery (AM-165). 20
Schwartz, Richard Evan; The Plaid Model: (AMS-198) 20, 20
Scott, L. Ridgway; Numerical Analysis. 20
Search for Mathematical Roots, 1870-1940, The: Logics, Set Theories and the Foundations of Mathematics from Cantor through Russell to Gödel; I. Grattan–guinnes. 14
Secret Formula, The: How a Mathematical Duel Inflamed Renaissance Italy and Uncovered the Cubic Equation; Fabio Toscano. 22
Seduction of Curves, The: The Lines of Beauty That Connect Mathematics, Art, and the Nude; Allan McRobie 18
Segal, Sanford L.; Mathematicians under the Nazis. 20
Seiberg-Witten Equations and Applications to the Topology of Smooth Four-Manifolds. (MN-44), Volume 44, The; John W. Morgan. 18
Selectors; John E. Jayne. 16
Self-Regularity: A New Paradigm for Primal-Dual Interior-Point Algorithms; Jiming Peng. 19
Selfsimilar Processes; Paul Embrechts. 13
Semiclassical Soliton Ensembles for the Focusing Nonlinear Schrödinger Equation (AM-154); Spyridon Kamvissis. 16
Seminar on Atiyah-Singer Index Theorem. (AM-57), Volume 57. 19
Seminar on Differential Geometry. (AM-102), Volume 102 23
Seminar on Micro-Local Analysis. (AM-93), Volume 93; Victor Guillemin. 15
Seminar On Minimal Submanifolds. (AM-103), Volume 103 11
Seminar on Singularities of Solutions of Linear Partial Differential Equations. (AM-91), Volume 91; Lars Hörmander 15
Seminar on Transformation Groups. (AM-46), Volume 46; Armand Borel. 11
Sewell, Walter Edwin; Degree of Approximation by Polynomials in the Complex Domain. (AM-9), Volume 9. 20
Shafer, Glenn; A Mathematical Theory of Evidence. 20
Shatz, Stephen S.; Profinite Groups, Arithmetic, and Geometry. (AM-67), Volume 67. 20
Shearer, Michael; Partial Differential Equations: An Introduction to Theory and Applications. 21
Shimura, Goro; Abelian Varieties with Complex Multiplication and Modular Functions: (PMS-46). 21
Shimura, Goro; Introduction to Arithmetic Theory of Automorphic Functions. 21
Siegel, Carl Ludwig; Transcendental Numbers. (AM-16). . . . 21
Siegmund-Schultze, Reinhard; Mathematicians Fleeing from Nazi Germany: Individual Fates and Global Impact. 21
Sigmund, Karl; The Calculus of Selfishness. 21, 21
Simiu, Emil; Chaotic Transitions in Deterministic and Stochastic Dynamical Systems: Applications of Melnikov Processes in Engineering, Physics, and Neuroscience. 21
Simon, Barry; Szego's Theorem and Its Descendants: Spectral Theory for L² Perturbations of Orthogonal Polynomials. 21

Simple Algebras, Base Change, and the Advanced Theory of the Trace Formula. (AM-120), Volume 120; James Arthur 10
Simple Games: Desirability Relations, Trading, Pseudoweightings; Alan D. Taylor. 21
Sinai, Iakov Grigorevi; Introduction to Ergodic Theory (MN-18), Volume 18: Preliminary Informal Notes of University Courses and Seminars in Mathematics. (MN-18). 21
Single Digits: In Praise of Small Numbers; Marc Chamberland. 12, 12
Singular Integrals and Differentiability Properties of Functions (PMS-30), Volume 30; Elias M. Stein. 21
Singular Points of Complex Hypersurfaces. (AM-61), Volume 61; John Milnor. 18
Slicing Pizzas, Racing Turtles, and Further Adventures in Applied Mathematics; Robert B. Banks. 10
Small Worlds: The Dynamics of Networks between Order and Randomness; Duncan J. Watts. 23
Smoothings of Piecewise Linear Manifolds. (AM-80), Volume 80; Morris W. Hirsch. 15
Smyshlyaev, Andrey; Adaptive Control of Parabolic PDEs 21
Sogge, Christopher D.; Hangzhou Lectures on Eigenfunctions of the Laplacian (AM-188). 21, 21
Some Problems of Unlikely Intersections in Arithmetic and Geometry (AM-181); Umberto Zannier. 23, 23
Sorrentino, Alfonso; Action-minimizing Methods in Hamiltonian Dynamics (MN-50): An Introduction to Aubry-Mather Theory 21
Sourcebook in the Mathematics of Medieval Europe and North Africa. 16
Spaces of PL Manifolds and Categories of Simple Maps (AM-186); Friedhelm Waldhausen. 22, 22
Spectra and Pseudospectra: The Behavior of Nonnormal Matrices and Operators; Lloyd N. Trefethen. 22
Spectral Theory of Toeplitz Operators. (AM-99), Volume 99, The; L. Boutet de Monvel. 11
Speer, Eugene R.; Generalized Feynman Amplitudes. (AM-62), Volume 62. 21
Spherical CR Geometry and Dehn Surgery (AM-165); Richard Evan Schwartz. 20
Spin Geometry (PMS-38), Volume 38; H. Blaine Lawson 17
Stability and Control of Large-Scale Dynamical Systems: A Vector Dissipative Systems Approach; Wassim M. Haddad 15
Stability and Stabilization: An Introduction; William J. Terrell 21
Stationary Processes and Prediction Theory. (AM-44), Volume 44; Harry Furstenberg. 14
Statistical Inference via Convex Optimization; Anatoli Juditsky. 16
Statistics in Theory and Practice; Robert Lupton. 17
Steenrod, Norman; The Topology of Fibre Bundles. (PMS-14), Volume 14. 21
Steiglitz, Ken; The Discrete Charm of the Machine: Why the World Became Digital. 4, 21
Stein, Elias M.; Complex Analysis. 21
Stein, Elias M.; Fourier Analysis: An Introduction. 21
Stein, Elias M.; Functional Analysis: Introduction to Further Topics in Analysis. 21
Stein, Elias M.; Harmonic Analysis (PMS-43), Volume 43: Real-Variable Methods, Orthogonality, and Oscillatory Integrals. (PMS-43). 21
Stein, Elias M.; Introduction to Fourier Analysis on Euclidean Spaces (PMS-32), Volume 32. 21
Stein, Elias M.; Real Analysis: Measure Theory, Integration, and Hilbert Spaces. 21
Stein, Elias M.; Singular Integrals and Differentiability Properties of Functions (PMS-30), Volume 30. 21
Stein, Elias M.; Topics in Harmonic Analysis Related to the Littlewood-Paley Theory. (AM-63), Volume 63. 21
Stewart, William J.; Introduction to the Numerical Solution of Markov Chains. 21
Stewart, William J.; Probability, Markov Chains, Queues, and Simulation: The Mathematical Basis of Performance Modeling 21
Stillwell, John; Elements of Mathematics: From Euclid to Gödel 9, 21
Stillwell, John; Reverse Mathematics: Proofs from the Inside Out. 9, 21
Stoll, Wilhelm; Invariant Forms on Grassmann Manifolds. (AM-89), Volume 89. 21
Strange Curves, Counting Rabbits, & Other Mathematical Explorations; Keith Ball. 10
Street, Brian; Multi-parameter Singular Integrals. (AM-189), Volume I. 21
Strichartz, Robert S.; Differential Equations on Fractals: A Tutorial. 21
Strogatz, Steven; The Calculus of Friendship: What a Teacher and a Student Learned about Life while Corresponding about Math. 21
Strong Rigidity of Locally Symmetric Spaces. (AM-78), Volume 78; G. Daniel Mostow. 18
Stroock, Daniel W.; Markov Processes from K. Itô's Perspective (AM-155). 21
Structure and Dynamics of Networks, The; Mark Newman 19
Structure of Affine Buildings. (AM-168), The; Richard M. Weiss. 23
Structure of Groups with a Quasiconvex Hierarchy, The: (AMS-209); Daniel T. Wise. 23, 23
Sulzer, David; Music, Math, and Mind: The Physics and Neuroscience of Music. 5
Summing It Up: From One Plus One to Modern Number Theory; Avner Ash. 8, 10
Supersingular p-adic L-functions, Maass-Shimura Operators and Waldspurger Formulas: (AMS-212); Daniel Kriz. 16, 16
Surface Area. (AM-35), Volume 35; Lamberto Cesari. 12
Surveys on Surgery Theory (AM-145), Volume 1: Papers Dedicated to C. T. C. Wall. (AM-145). 12
Surveys on Surgery Theory (AM-149), Volume 2: Papers Dedicated to C.T.C. Wall. (AM-149). 11
Symmetric Markov Processes, Time Change, and Boundary Theory (LMS-35); Zhen-Qing Chen. 12
Symmetry; Hermann Weyl. 23, 23
Symposium on Infinite Dimensional Topology. (AM-69), Volume 69; R. D. Anderson. 10
Szeftel, Jérémie; Global Nonlinear Stability of Schwarzschild Spacetime under Polarized Perturbations: (AMS-210) 21, 21
Szego's Theorem and Its Descendants: Spectral Theory for L² Perturbations of Orthogonal Polynomials; Barry Simon. 21
Szpiro, George; Numbers Rule: The Vexing Mathematics of Democracy, from Plato to the Present. 9, 21
Tales of Impossibility: The 2000-Year Quest to Solve the Mathematical Problems of Antiquity; David S. Richeson 3, 20
Taming the Unknown: A History of Algebra from Antiquity to the Early Twentieth Century; Victor J. Katz. 16, 16

Taylor, Alan D.; Simple Games: Desirability Relations, Trading, Pseudoweightings. 21
Temperley-Lieb Recoupling Theory and Invariants of 3-Manifolds (AM-134), Volume 134; Louis H. Kauffman. 16
Ten Great Ideas about Chance; Persi Diaconis. 8, 13
Terrell, William J.; Stability and Stabilization: An Introduction 21
Thangavelu, Sundaram; Lectures on Hermite and Laguerre Expansions. (MN-42), Volume 42. 22
Theoretical Acoustics; Philip M. Morse. 18
Theory of Cross-Spaces. (AM-26), Volume 26, A; Robert Schatten. 20
Theory of Lie Groups (PMS-8), Volume 8; Claude Chevalley 12
Three Views of Logic: Mathematics, Philosophy, and Computer Science; Donald W. Loveland. 17
Three-Dimensional Geometry and Topology, Volume 1: (PMS-35); William P. Thurston. 22
Three-Dimensional Link Theory and Invariants of Plane Curve Singularities. (AM-110), Volume 110; David Eisenbud 13
Thurston, William P.; Three-Dimensional Geometry and Topology, Volume 1: (PMS-35). 22
Thurston's Work on Surfaces (MN-48); Albert Fathi. 13
Toda, Hiroshi; Composition Methods in Homotopy Groups of Spheres. (AM-49), Volume 49. 22
Todorcevic, Stevo; Introduction to Ramsey Spaces (AM-174) 22
Topics in Commutative Ring Theory; John J. Watkins. . . . 23
Topics in Harmonic Analysis Related to the Littlewood-Paley Theory. (AM-63), Volume 63; Elias M. Stein. 21
Topics in Mathematical Modeling; K. K. Tung. 22
Topics in Quaternion Linear Algebra; Leiba Rodman. 20
Topics in Topology. (AM-10), Volume 10; Solomon Lefschetz 17
Topics in Transcendental Algebraic Geometry. (AM-106), Volume 106; Phillip A. Griffiths. 14
Topological Methods in the Theory of Functions of a Complex Variable. (AM-15), Volume 15; Marston Morse 18
Topology from the Differentiable Viewpoint; John Milnor 18
Topology of Fibre Bundles. (PMS-14), Volume 14, The; Norman Steenrod. 21
Topology Seminar Wisconsin, 1965. (AM-60), Volume 60 11
Toscano, Fabio; The Secret Formula: How a Mathematical Duel Inflamed Renaissance Italy and Uncovered the Cubic Equation. 22
Totally Nonnegative Matrices; Shaun M. Fallat. 13
Towing Icebergs, Falling Dominoes, and Other Adventures in Applied Mathematics; Robert B. Banks. 10
Transcendental Numbers. (AM-16); Carl Ludwig Siegel. . . 21
Traveling Salesman Problem, The: A Computational Study; David L. Applegate. 10
Trefethen, Lloyd N.; Spectra and Pseudospectra: The Behavior of Nonnormal Matrices and Operators. 22
Tretkoff, Paula; Complex Ball Quotients and Line Arrangements in the Projective Plane (MN-51). 22
Triangulated Categories. (AM-148), Volume 148; Amnon Neeman. 19
Trigonometric Delights; Eli Maor. 8, 18
Truesdell, Clifford; An Essay Toward a Unified Theory of Special Functions. (AM-18), Volume 18. 22
Trust, Salomon; Curvature and Betti Numbers. (AM-32), Volume 32. 22
Trust, Salomon; Fourier Transforms. (AM-19), Volume 19. . . 22
Trust, Salomon; Lectures on Fourier Integrals. (AM-42), Volume 42. 22
Tu, Loring W.; Introductory Lectures on Equivariant Cohomology: (AMS-204). 22, 22
Tucker, Albert William; Contributions to the Theory of Games (AM-40), Volume IV. 22
Tucker, Warwick; Validated Numerics: A Short Introduction to Rigorous Computations. 22
Tukey, John W.; Convergence and Uniformity in Topology. (AM-2), Volume 2. 22
Tung, K. K.; Topics in Mathematical Modeling. 22
Twisted L-Functions and Monodromy. (AM-150), Volume 150; Nicholas M. Katz. 16
Two-Valued Iterative Systems of Mathematical Logic. (AM-5), Volume 5, The; Emil L. Post. 20
Undiluted Hocus-Pocus: The Autobiography of Martin Gardner; Martin Gardner. 14, 14
Unitary Representations of Reductive Lie Groups. (AM-118), Volume 118; David A. Vogan Jr.. 22
Unsolved Problems in Mathematical Systems and Control Theory. 11
Validated Numerics: A Short Introduction to Rigorous Computations; Warwick Tucker. 22
Van Brummelen, Glen; Heavenly Mathematics: The Forgotten Art of Spherical Trigonometry. 9, 22
Van Brummelen, Glen; The Doctrine of Triangles: A History of Modern Trigonometry. 22
Van Brummelen, Glen; The Mathematics of the Heavens and the Earth: The Early History of Trigonometry. 22
Vidyasagar, M.; Hidden Markov Processes: Theory and Applications to Biology. 22
Viewpoints: Mathematical Perspective and Fractal Geometry in Art; Marc Frantz. 14
Visual Differential Geometry and Forms: A Mathematical Drama in Five Acts; Tristan Needham. 19, 19
Voevodsky, Vladimir; Cycles, Transfers, and Motivic Homology Theories. (AM-143), Volume 143. 22
Vogan, David A.; Unitary Representations of Reductive Lie Groups. (AM-118), Volume 118. 22
Voisin, Claire; Chow Rings, Decomposition of the Diagonal, and the Topology of Families (AM-187). 22, 22
von Neumann, John; Continuous Geometry. 22
von Neumann, John; Functional Operators (AM-21), Volume 1: Measures and Integrals. (AM-21). 22
von Neumann, John; Functional Operators (AM-22), Volume 2: The Geometry of Orthogonal Spaces. (AM-22). 22
Wagner, Roi; Making and Breaking Mathematical Sense: Histories and Philosophies of Mathematical Practice. 22
Wainer, Howard; Graphic Discovery: A Trout in the Milk and Other Visual Adventures. 22
Waldhausen, Friedhelm; Spaces of PL Manifolds and Categories of Simple Maps (AM-186). 22, 22
Walker, Kevin; An Extension of Casson's Invariant. (AM-126), Volume 126. 22
Wardhaugh, Benjamin; Encounters with Euclid: How an Ancient Greek Geometry Text Shaped the World. 22
Wardhaugh, Benjamin; How to Read Historical Mathematics 22
Watkins, John J.; Across the Board: The Mathematics of Chessboard Problems. 22
Watkins, John J.; Number Theory: A Historical Approach. . . . 23
Watkins, John J.; Topics in Commutative Ring Theory. 23
Watts, Duncan J.; Small Worlds: The Dynamics of Networks between Order and Randomness. 23
Wealth of Numbers, A: An Anthology of 500 Years of Popular Mathematics Writing. 22

Weil's Conjecture for Function Fields: Volume I (AMS-199); Dennis Gaitsgory. 14, 14
Weinberger, Shmuel; Computers, Rigidity, and Moduli: The Large-Scale Fractal Geometry of Riemannian Moduli Space 23
Weinstein, Lawrence; Guesstimation 2.0: Solving Today's Problems on the Back of a Napkin. 9
Weinstein, Lawrence; Guesstimation: Solving the World's Problems on the Back of a Cocktail Napkin. 23
Weiss, Richard M.; Quadrangular Algebras. (MN-46). 23
Weiss, Richard M.; The Structure of Affine Buildings. (AM-168) 23
Weyl Group Multiple Dirichlet Series: Type A Combinatorial Theory (AM-175); Ben Brubaker. 11
Weyl, Hermann; Algebraic Theory of Numbers. (AM-1), Volume 1. 23
Weyl, Hermann; Meromorphic Functions and Analytic Curves. (AM-12). 23
Weyl, Hermann; Mind and Nature: Selected Writings on Philosophy, Mathematics, and Physics. 23
Weyl, Hermann; Philosophy of Mathematics and Natural Science. 23
Weyl, Hermann; Symmetry. 23, 23
Weyl, Hermann; The Classical Groups: Their Invariants and Representations (PMS-1). 23
What's Luck Got to Do with It?: The History, Mathematics, and Psychology of the Gambler's Illusion; Joseph Mazur 18
What's Next?: The Mathematical Legacy of William P. Thurston (AMS-205). 22, 22
When Least Is Best: How Mathematicians Discovered Many Clever Ways to Make Things as Small (or as Large) as Possible; Paul J. Nahin. 9, 19
Why Cats Land on Their Feet: And 76 Other Physical Paradoxes and Puzzles; Mark Levi. 17
Wigderson, Avi; Mathematics and Computation: A Theory Revolutionizing Technology and Science. 23
Will You Be Alive 10 Years from Now?: And Numerous Other Curious Questions in Probability; Paul J. Nahin 19, 19
Wilson, Robin; Four Colors Suffice: How the Map Problem Was Solved - Revised Color Edition. 23
Winston, Wayne L.; Mathletics: How Gamblers, Managers, and Fans Use Mathematics in Sports, Second Edition. 4
Winston, Wayne L.; Mathletics: How Gamblers, Managers, and Sports Enthusiasts Use Mathematics in Baseball, Basketball, and Football. 23
Wise, Daniel T.; The Structure of Groups with a Quasiconvex Hierarchy: (AMS-209). 23, 23
Wu, Hung-his; The Equidistribution Theory of Holomorphic Curves. (AM-64), Volume 64. 23
Wynne, Jessica; Do Not Erase: Mathematicians and Their Chalkboards. 9
X and the City: Modeling Aspects of Urban Life; John A. Adam. 10, 10
Xiu, Dongbin; Numerical Methods for Stochastic Computations: A Spectral Method Approach. 23
Yuan, Xinyi; The Gross-Zagier Formula on Shimura Curves: (AMS-184). 23, 23
Zaccarian, Luca; Modern Anti-windup Synthesis: Control Augmentation for Actuator Saturation. 23
Zakeri, Saeed; A Course in Complex Analysis. 23
Zannier, Umberto; Some Problems of Unlikely Intersections in Arithmetic and Geometry (AM-181). 23, 23
Zen of Magic Squares, Circles, and Stars, The: An Exhibition of Surprising Structures across Dimensions; Clifford A. Pickover. 19
Zhu, Yang; Delay-Adaptive Linear Control. 23
Zygmund, Antoni; Contributions to Fourier Analysis. (AM-25) 23

THE UNIVERSITY PRESS GROUP
SALES & DISTRIBUTION CONTACTS

EMEA - DISTRIBUTION
John Wiley & Sons, Ltd.
European Distribution Centre
New Era Estate
Oldlands Way
Bognor Regis PO22 9NQ United Kingdom
T: +44 (0)1243 843294
E: customer@wiley.com

Simon Gwynn – Managing Director
E: simon@upguk.com

Lois Edwards - Business Manager
E: lois@upguk.com

GREAT BRITAIN
Ben Mitchell T: +44 (0)7766 913 593
E: ben@upguk.com

REPUBLIC OF IRELAND & NORTHERN IRELAND
Robert Towers T: +353 1 280 6532
E: rtowers16@gmail.com

GERMANY, AUSTRIA, SWITZERLAND, CENTRAL AND EASTERN EUROPE, BALTIC STATES, RUSSIA, SCANDINAVIA
Peter Jacques T: +44 (0)7966 288 593
E: peter@upguk.com

BENELUX, GREECE, PORTUGAL, SPAIN
Dominique Bartshukoff T: +33 1 44 63 02 41
E: dominique@upguk.com

FRANCE, ITALY, SOUTH AFRICA
Simon Gwynn T: +44(0)7964 144 987
E: simon@upguk.com

SUB SAHARAN AFRICA (EXCEPT SOUTH AFRICA)
Kelvin Van Hasselt T: +44 (0)1263 513073
E: Kelvin@africabookrep.com

ALGERIA, CYPRUS, JORDAN, MOROCCO, MALTA, PALESTINE, ISRAEL, TUNISIA, TURKEY
Claire De Gruchy, Avicenna Partnership Ltd.
T: +44 (0)7771 887 843
E: avicenna-cdeg@outlook.com

BAHRAIN, EGYPT, IRAQ, IRAN, KUWAIT, LEBANON, LIBYA, OMAN, QATAR, SAUDI ARABIA, SYRIA, UAE, YEMEN
Bill Kennedy, Avicenna Partnership Ltd.
T: +44 (0)7802 244457
E: avicennabk@gmail.com

For all territories not mentioned above, please contact:
Simon Gwynn – Managing Director
E: simon@upguk.com

THE
UNIVERSITY
PRESS
GROUP

The University Press Group
LEC1, New Era Estate
Oldlands Way, Bognor Regis
West Sussex, PO22 9NQ
United Kingdom
Tel. +44 (0) 1243 842165
Fax. +44 (0) 1243 842167
sales@upguk.com
www.upguk.com