



Mathematics & Statistics

NEW STUDENT TEXTBOOKS PUBLISHING 2008/2009

wileyeurope.com/college

 **WILEY**
HIGHER EDUCATION

Mathematics & Statistics

Welcome to our textbook catalogue featuring an extensive selection of our new and forthcoming titles.

To order your inspection copy from this online catalogue follow these simple steps:

1. Browse the catalogue or click on the contents section above to jump to the section you are interested in.
2. Use the mouse to click on the jacket or URL of the book you wish to order. This will open our webpage for the book – allowing you to order your inspection copy easily – and find out more about the text.
3. In some instances where you cannot click on the jacket of the book, please email us at highereducation@wiley.com to order the book, including your name, full address, institution, course title and no. of students.
4. **You're done!**

Order your inspection copy at www.wileyurope.com/college or email HigherEducation@wiley.com



All prices correct at the time of going to press.

Contents

Calculus, Analysis & Differential Equations	1
General and Elementary Mathematics	5
Mathematics for the Sciences	13
Numerical Methods	14
Statistics in Life Science and Healthcare	15
Algebra/Linear Algebra	16
General & Introductory Statistics & Probability	17
Mathematics for Business and Economics	19
Index/Order Information	20



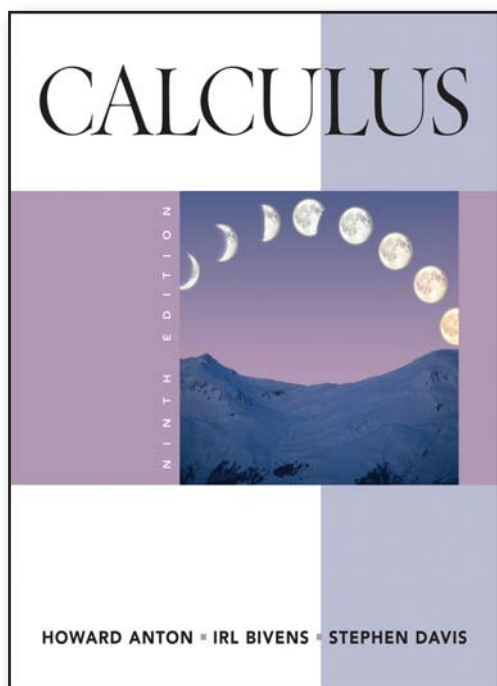
Experience the difference!

WileyPLUS combines the complete, dynamic online text with all of the teaching, testing and learning resources instructors and students need, in one easy-to-use system. **WileyPLUS** is available with many of Wiley's market-leading text books denoted throughout this catalogue with the **WileyPLUS** symbol.

Take a look at the benefits of using **WileyPLUS** in your course – visit www.wileyplus.com/experience



To order your inspection copy email HigherEducation@wiley.com



Calculus: Late Transcendentals Combined

9th Edition

HOWARD ANTON, Drexel University, IRL C. BIVENS, Davidson College, STEPHEN DAVIS, Davidson College.

An accessible introduction to the concepts of calculus, updated with new exercises and examples.

Designed for the Calculus I-II-III sequence, the ninth edition continues to evolve to fulfill the needs of a changing market by providing flexible solutions to teaching and learning needs of all kinds. The new edition retains the strengths of earlier editions such as Anton's trademark clarity of exposition, sound mathematics, excellent exercises and examples, and appropriate level. Anton also incorporates new ideas that have withstood the objective scrutiny of many skilled and thoughtful instructors and their students.

Features:

- **Readability Balanced with Rigor:** the authors' goal is to present precise mathematics to the fullest extent possible in an introductory treatment.
- **Making Connections:** Contains a select group of exercises that draw on ideas developed in the entire chapter rather than focusing on a single section as with the regular exercise sets.

Contents: Before Calculus. 1 Limits and Continuity. 2 The Derivative. 3 The Derivative in Graphing and Applications. 4 Integration. 5 Applications of the Definite Integral in Geometry, Science and Engineering. 6 Exponential, Logarithmic, and Inverse Trigonometric Functions. 7 Principles of Integral Evaluation. 8 Mathematical Modeling with Differential Equations. 9 Infinite Series. 10 Parametric and Polar Curves; Conic Sections. 11 Three-Dimensional Space; Vectors. 12 Vector-Valued Functions 13 Partial Derivatives. 14 Multiple Integrals. 15 Topics in Vector Calculus. Appendix A Graphing Functions Using Calculators and Computer Algebra Systems. B Trigonometry Review. C Solving Polynomial Equations. D Mathematical Models. E Selected Proofs. Web Appendices F Real Numbers, Intervals, and Inequalities. G Absolute Value. H Coordinate Planes, Lines, and Linear Functions. I Distance, Circles, and Quadratic Functions. J Second-Order Linear Homogeneous Differential Equations; The Vibrating String. K The Discriminant Answers. Photocredits. Index

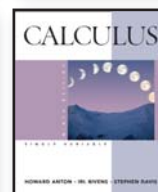
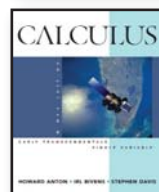
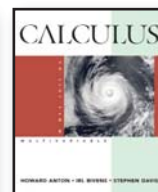
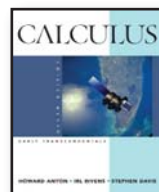
Supplements: WileyPlus, Instructor's Solutions Manual, Printed Test Bank

Please click here to order your inspection copy or access resources:

www.wileyeurope.com/college/anton

9780470398746 • 1312pp • June 2009 • Pb • £45.95/€61.70

Also Available:

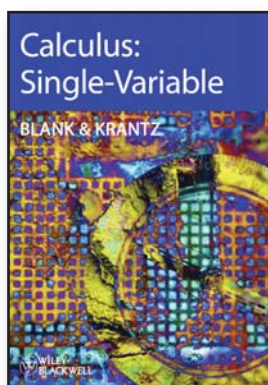


Calculus: Early Transcendentals Combined, 9th Edition
9780470398753 • 1312pp • March 2009 • Pb
£45.95/€62.10

Calculus: Multivariable, 9th Edition
9780470183465 • 448pp • Dec 2008 • Cl
£61.95/€78.40

Calculus: Early Transcendentals Single Variable, 9th Edition
9780470182048 • 896pp • Nov 2008 • Cl
£91.95/€116.00

Calculus: Late Transcendentals Single Variable, 9th Edition
9780470183472 • 896pp • Feb 2009 • Cl
£61.95/€78.40



Single Variable:
9780470412770 • 771pp
Sept 2008 • Pb
£34.95/€47.20

Multivariable:
9780470412718 • 440pp
Sept 2008 • Pb
£31.95/€43.20

Calculus: Single-Variable

1st Edition

Calculus: Multivariable

1st Edition

BRIAN E. BLANK, STEVEN G. KRANTZ, both of Washington University in St. Louis.

A classic calculus text which fits well with most universities course sequence.

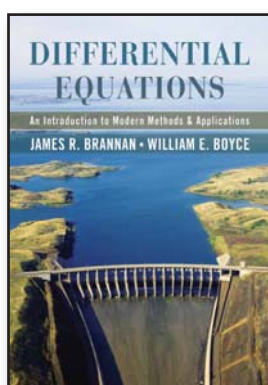
Features:

- Clear writing and extensive examples make this book accessible to all students. Blank and Krantz's engaging style makes the language of mathematics understandable and enjoyable.
- Graphical interpretations and numerical examples reinforce concepts and deepen students' understanding.
- Essential ideas are showcased with examples to create a seamless link between concepts and applications.
- Technology complements and enhances traditional mathematical skills throughout Calculus as students use computer algebra systems (CAS) and graphing calculators.
- Maple(tm) is used throughout as an exemplary CAS. End-of-section exercise sets can be solved with any CAS or graphing calculator.

Contents: The two volumes, Calculus: Single Variable and Calculus: Multivariable, thoroughly cover all topics found in a three-semester sequence, particularly, transcendental functions, vector-valued functions, differential equations, sequences, integration, probability theory, Power series, Taylor polynomials and series, Stokes's theorem, Green's theorem, and the Divergence theorem.

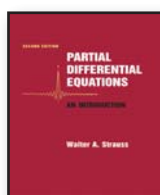
Please click here to order your inspection copy or access resources:

www.wileyeurope.com/college/blank



9780470418505 • 968pp
March 2009 • Cl • £42.95/€99.30

Also Available:



Partial Differential Equations:
An Introduction by STRAUSS
9780470054567 • 464pp
January 2008 • Cl
£97.50/€117.90

Differential Equations with Boundary Value Problems: An Introduction to Modern Methods and Applications

JAMES R. BRANNAN, Clemson University WILLIAM E. BOYCE, Rensselaer Polytechnic Institute.

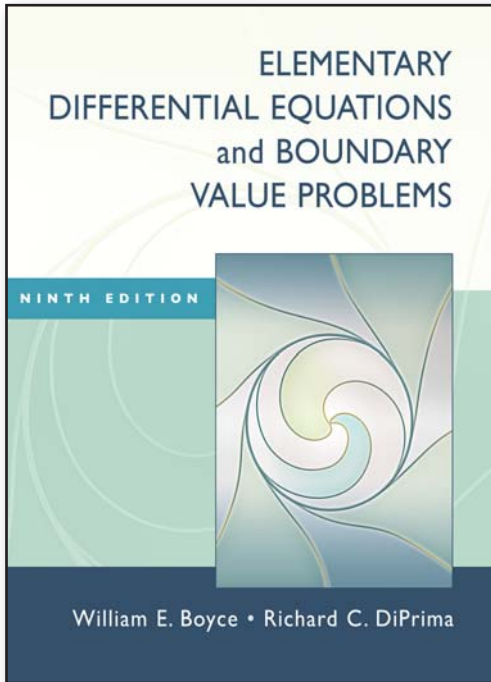
A modern approach to differential equations by one of the most well-known and well-respected professors in the mathematics community.

Differential Equations: An Introduction to Modern Methods and Applications is a textbook designed for a first course in differential equations. It emphasizes a systems approach to the subject and integrates the use of modern computing technology in the context of contemporary applications from engineering and science. Section exercises throughout the text are designed to give students hands-on experience in modeling, analysis, and computer experimentation. Optional projects at the end of each chapter provide additional opportunities for students to explore the role played by differential equations in scientific and engineering problems of a more serious nature.

Contents: 1 Introduction. 2 First Order Differential Equations. 3 Systems of Two First Order Equations. 4 Second Order Linear Equations. 5 The Laplace Transform. 6 Systems of First Order Linear Equations. 7 Nonlinear Differential Equations and Stability. 8-10 BVP. A: Matrix Algebra B: Complex Variables

Please click here to order your inspection copy or access resources:

www.wileyeurope.com/college/brannan



Elementary Differential Equations and Boundary Value Problems

9th Edition

WILLIAM E. BOYCE, Rensselaer Polytechnic Institute,
RICHARD C. DiPRIMA.

The bestselling resource for learning about
differential equations.

This edition, like its predecessors, is written from the viewpoint of the applied mathematician, whose interest in differential equations may sometimes be quite theoretical, sometimes intensely practical, and often somewhere in between. The book is written primarily for undergraduate students of mathematics, science, or engineering, who typically take a course on differential equations during their first or second year of study.

Features:

- A flexible approach to content. Self-contained chapters allow instructors to customize the selection, order, and depth of chapters.
- A flexible approach to technology. Boyce/DiPrima is adaptable to courses having various levels of computer involvement, ranging from little or none to intensive. More than 450 problems are marked with a technology icon to indicate those that are considered to be technology intensive.
- Outstanding exercise sets. Boyce/DiPrima remains unrivaled in quantity, variety, and range providing great flexibility in homework assignments.
- Applied Problems. Many problems ask the student not only to solve a differential equation but also to draw conclusions from the solution, reflecting the usual situation in scientific or engineering applications.

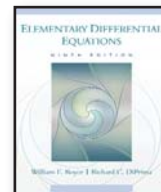
Contents: 1 Introduction. 2 First Order Differential Equations. 3 Second Order Linear Equations. 4 Higher Order Linear Equations. 5 Series Solutions of Second Order Linear Equations. 6 The Laplace Transform. 7 Systems of First Order Linear Equations. 8 Numerical Methods. 9 Nonlinear Differential Equations and Stability. 10 Partial Differential Equations and Fourier Series. Appendix A. Derivation of the Heat Conduction Equation. B Derivation of the Wave Equation. C Boundary Value Problems and Sturm-Liouville Theory. Answers to Problems. Index.

**Please click here to order your inspection copy
or access resources:**

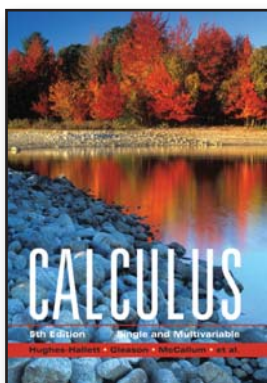
www.wileyeurope.com/college/boyce

9780470398739 • 656pp • March 2009 • Pb • £39.95/€54.00

Also Available:



Elementary Differential Equations, 9th Edition
9780470039403 • 656pp • Nov 2008 • CI
£58.95/€74.70



Calculus: Single and Multivariable

5th Edition

DEBORAH HUGHES HALLETT, University of Arizona.

The leading resource that best presents the central goals and approach of reform in calculus.

CALCULUS 5/e brings together the best of both new and traditional curricula in an effort to meet the needs of even more instructors teaching calculus. The authors believe this edition will work well for those departments who are looking for a calculus book that offers a middle ground for their calculus instructors.

- The fifth edition uses all strands of the "Rule of Four" – graphical, numeric, symbolic/algebraic, and verbal/applied presentations – to make concepts easier to understand.
- Readers can also gain access to WileyPLUS, an online tool that allows for extensive drills and practice.

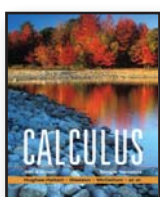
Contents: 1 A Library of Functions. 2 Key Concept: The Derivative. 3 Short-Cuts to Differentiation. 4 Using the Derivative. 5 Key Concept: The Definite Integral. 6 Constructing Antiderivatives. 7 Integration. 8 Using the Definite Integral. 9 Sequences and Series. 10 Approximating Functions Using Series. 11 Differential Equations. Appendix. Answers to Odd-Numbered Problems. Index.

Supplements: WileyPlus, Student Solutions Manual, Instructor Solutions Manual, Printed Test Bank

Please click here to order your inspection copy or access resources:
www.wileyurope.com/college/Hughes-Hallett

9780470409442 • 1168pp
 April 2009 • Pb
 £47.95/€64.80

Also Available:

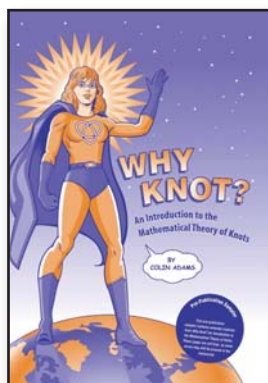


Calculus: Single Variable,
 Fifth Edition
 9780471484820 • 736pp
 Dec 2008 • Pr • £47.95/€64.80

Sign up for
**Wiley Higher
 Education**
email alerts



Visit www.wileyurope.com/college



9780470413494 • 62pp
September 2008 • Pb
£23.95/€30.00

Why Knot? An Introduction to the Mathematical Theory of Knots with Tangle

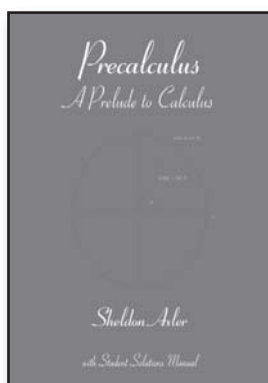
COLIN ADAMS

Colin Adams, well-known for his advanced research in topology and knot theory, is the author of this new book that brings his findings and his passion for the subject to a more general audience. Adams also presents a history of knot theory from its early role in chemistry to modern applications such as DNA research, dynamical systems, and fluid mechanics. Readers use Tangle to complete the experiments throughout the brief volume.

Each copy of *Why Knot?* is packaged with a plastic manipulative called the Tangle®. Adams uses the Tangle because “you can open it up, tie it in a knot and then close it up again.” The Tangle is the ultimate tool for knot theory because knots are defined in mathematics as being closed on a loop. Readers use the Tangle to complete the experiments throughout the brief volume.

Contents: Preface. 1. Introduction. 2. Mathematical Knots: What Are They? The Basic Idea. Composition. Crossing Number. Reidemeister Moves. Links. Unknotting Number. How Many Knots Are There? Denoting Pictures of Knots. 3. Knots, What Good Are They? History. Knotted DNA. Knotted Molecules. Random Knotting. 4. The Future. Extra Fun. Appendices. Answers.

Please click here to order your inspection copy or access resources:
www.wileyurope.com/college/adams



9780470180723 • 624pp
November 2008 • Pb
£50.50/€64.00

Precalculus: A Prelude to Calculus

1st Edition

SHELDON AXLER



Build the foundation to learn calculus with this introduction.

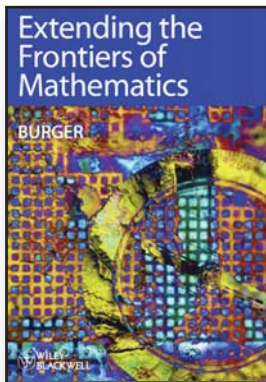
Precalculus: A Prelude to Calculus focuses exclusively on topics students need to know in order to succeed in calculus. With plentiful explanations and examples to help students form concrete ideas about the concepts, the text provides a self-contained preparation for calculus without adding unnecessary information and topics. An integrated student's solutions manual encourages students to actively reinforce their understanding of the material they have learned.

- Exercises and Problems – The difference between an exercise and a problem is that each exercise has a unique correct answer that is a mathematical object such as a number or a function, while the solutions to problems consist of explanations or examples. The solutions to the odd-numbered exercises appear in an index.
- Integrated Student's Solutions Manual – The solutions manual encourages students to read the main text and students will save money by not having to purchase a separate solutions manual.

Contents: 0 The Real Numbers. 1 Functions and Their Graphs. 2 Linear, Quadratic, Polynomial, and Rational Functions. 3 Exponents and Logarithms. 4 Area, e , and the Natural Logarithm. 5 Trigonometric Functions. 6 Applications of Trigonometry. 7 Sequences, Series, and Limits. Index of Definitions. Index of Boxed Items.

Supplements: WileyPlus, Powerpoint Slides, Solutions Manual, Test Bank

Please click here to order your inspection copy or access resources:
www.wileyurope.com/college/axler



9780470412220 • 171pp
Sept 2008 • Pb • £46.95/€59.30

Extending the Frontiers of Mathematics: Inquiries into Proof and Augmentation

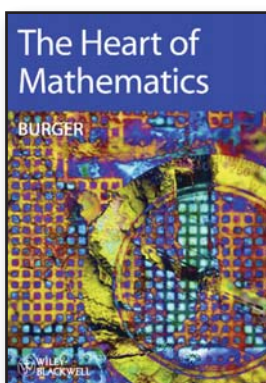
EDWARD B. BURGER, Williams College.

Investigative in nature, this discovery-based text leads, but doesn't tell.

Extending the Frontiers of Mathematics: Inquiries into proof and argumentation invites students to experience this progression of mathematical discovery. The innovative text offers a discovery-based approach that is ideally suited for use in a proofs course, a discrete math course, or any bridge course to more abstract mathematics.

Contents: Introduction. 1 Puzzles and patterns. 2 Bringing theorems to justice. 3 Delving into the dependable digits. 4 Going around in circles. 5 The irrational side of numbers. 6 Discovering how to function in mathematics. 7 Infinity. 8 Recursively defined functions. 9 Discrete thoughts of counting. 10 Quantifying uncertainty with probability. 11 The subtle art of connecting the dots. 12 Just plane graphs. 13 Visible and invisible universes. 14 A synergy between geometry and numbers. 15 The mathematical mysteries within a sheet of paper. 16 Take it to the limit. 17 Uninterrupted thoughts of continuity. 18 An abstract world of algebra. 19 Cycles and curves. 20 Further frontiers. Appendices

Please click here to order your inspection copy or access resources:
www.wileyeurope.com/college/burger



9780470413098 • 760pp
July 2008 • Cl • £73.95/€93.30

The Heart Of Mathematics: An Invitation to Effective Thinking

2nd Edition

EDWARD B. BURGER, Williams College.

Focuses on the important "big ideas" of mathematics and mathematical methods of investigation.

Transform your mathematics course into an engaging and mind-opening experience for even your most math-phobic students. *The Heart of Mathematics: An invitation to effective thinking* now in its second edition, succeeds at reaching non-math, non-science-oriented majors and encouraging them to discover the mathematics inherent in the world around them. Infused throughout with the authors humor and enthusiasm, *The Heart of Mathematics* introduces students to the most important and interesting ideas in mathematics while inspiring them to actively engage in mathematical thinking.

Contents: 1 Fun and Games: An Introduction to Rigorous Thought. 2 Number Contemplation. 3 Infinity. 4 Geometric Gems. 5 Contortions of Space. 6 Chaos and Fractals. 7 Taming Uncertainty 8. Deciding Wisely

Please click here to order your inspection copy or access resources:
www.wileyeurope.com/college/burger



9780470412497 • 697pp
Sept 2008 • CI
£62.50/€78.70

Investigating College Algebra with Technology

1st Edition

KATHY BURGIS

Investigating College Algebra with Technology presents the core concepts of College Algebra and Trigonometry within a technology-oriented, data-driven, applied framework that embraces investigative, collaborative learning.

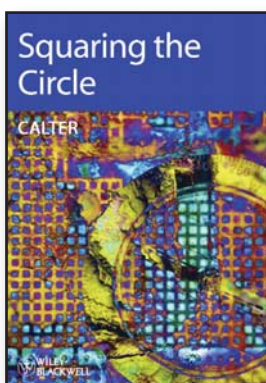
Features:

- Examples, which precede or follow Investigations as needed, are fully worked out and include reasons that justify the process.
- The text supports the use of graphing calculators, which let students easily manipulate large amounts of data and see the “big picture” of the math being used.
- Optional interactive Explorations, included on the Student CD, use Microsoft® Excel to build spreadsheets for Activities in which students investigate algebra concepts.

Contents: 1 Introduction. 2 Patterns and Recursions. 3 Linear Models and Systems. 4 Functions, Relations, and Transformations. 5 Exponential, Power, and Logarithmic Functions. 6 Quadratic and Other Polynomial Functions. 7 Matrices and Linear Systems. 8 Parametric Equations and Trigonometry. 9 Conic Sections and Rational Functions. 10 Series. 11 Probability

Please click here to order your inspection copy or access resources:

www.wileyurope.com/college/burgis



9780470412121 • 524pp
June 2008 • Pb • £42.95/€54.00

Squaring the Circle: Geometry in Art and Architecture

1st Edition

PAUL A. CALTER, Vermont Technical College.

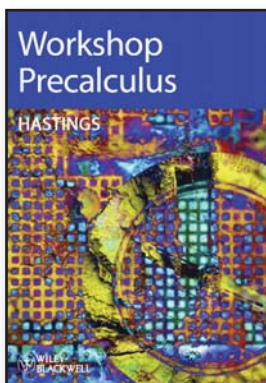
Emphasizes constructions, encouraging students to develop geometric skills using Euclid’s tools-the compass and straightedge.

Squaring the Circle: Geometry in Art and Architecture includes all the topics necessary for a solid foundation in geometry and explores the timeless influence of geometry on art and architecture. The text offers wide-ranging exercise sets and related projects that allow students to practice and master the mathematics presented. Each chapter introduces mathematical concepts geometrically and illustrates their nontraditional applications in art and architecture throughout the centuries.

Contents: 1 Music of the Spheres. 2 The Golden Ratio. 3 The Triangle. 4 Ad Quadratum and the Sacred Cut. 5 Polygons, Tilings, and Sacred. 6 The Circle. 7 Circular Designs in Architecture. 8 Squaring the Circle. 9 The Ellipse and the Spiral. 10 The Solids. 11 The Sphere and Celestial Themes in Art and Architecture. 12 Brunelleschi's Peepshow and the Origins of Perspective. 13 Fractals

Please click here to order your inspection copy or access resources:

www.wileyurope.com/college/calter



9780470412510 • 518pp
Sept 2008 • Pb • £46.95/€59.30

Workshop Precalculus: Discovery with Graphing Calculators

NANCY BAXTER HASTINGS

Workshop Precalculus helps students develop the confidence, understanding, and skills necessary for continuing their study of mathematics.

Workshop Precalculus provides students with a bridge to the study of calculus and helps them develop the confidence, understanding, and skills necessary for continuing their study of mathematics.

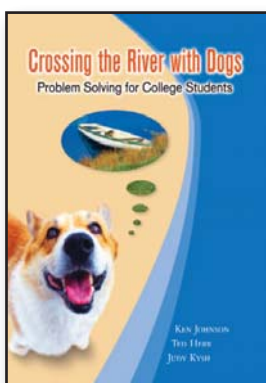
Features:

- Fully integrated graphing calculator technology.
- The workshop approach: Encourages students' guessing and estimation skills and promotes the development of intuitive skill.
- Stresses good reading and writing by asking students to explain what they observe.

Contents: 1 Properties Of Functions. 2 Polynomial And Rational Functions. 3 New Functions From Old. 4 More Function Classes

Please click here to order your inspection copy or access resources:

www.wileyeurope.com/college/hastings



9780470412244 • 504pp
July 2008 • Pb • £46.95/€59.30

Crossing the River with Dogs: Problem Solving for College Students

KEN JOHNSON, TED HERR, JUDY KYSH

Examples are solved as dialogues between fictitious students so students can see common errors and learn to avoid pitfalls.

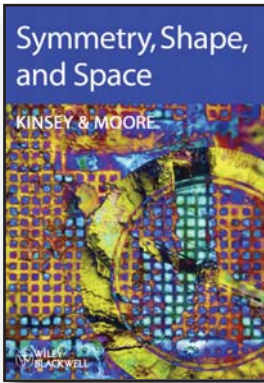
Features:

- Each chapter includes relevant examples of the strategy presented.
- Chapters conclude with problem sets made up of three levels: A (routine), B (lengthy), and classic problems whose level can be determined by instructors over a dozen distinct problem-solving.
- Icons appear to indicate examples, important information, and difficult material.

Contents: Introduction. 1 Draw A Diagram. 2 Make A Systematic List. 3 Eliminate Possibilities. 4 Use Matrix Logic. 5 Look For A Pattern. 6 Guess And Check. 7 Identify Subproblems. 8 Analyze The Units. 9 Solve An Easier Related Problem. 10 Create A Physical Representation. 11 Work Backwards. 12 Draw Venn Diagrams. 13 Convert To Algebra. 14 Evaluate Finite Differences. 15 Organize Information In More Ways. 16 Change Focus In More Ways. 17 Visualize Spatial Relationships. Appendices

Please click here to order your inspection copy or access resources:

www.wileyeurope.com/college/johnson



9780470412381 • 494pp
Sept 2008 • Cl • £54.50/€68.70

Symmetry, Shape, and Space: An Introduction to Mathematics Through Geometry

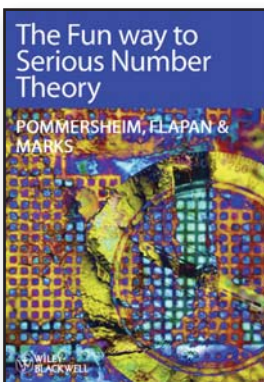
L. CHRISTINE KINSEY, THERESA E. MOORE

Varied content, activities, and examples lead students into an investigative process and provide the experience of doing and discovering mathematics as mathematicians do.

Symmetry, Shape, and Space uses the visual nature of geometry to involve students in discovering mathematics. The text allows students to study and analyze patterns for themselves, which in turn teaches creativity, as well as analytical and visualization skills.

Contents: 1. The Basics. 2. Grids. 3. Constructions. 4. Tessellations. 5. Two-Dimensional Symmetry. 6. Other Dimensions, Other Worlds. 7. Polyhedra. 8. Three-Dimensional Symmetry. 9. Spiral Growth. 10. Drawing Three Dimensions in Two. 11. Shape. 12. Graph Theory. 13. Topology. Hints and Solutions to Selected Problems

Please click here to order your inspection copy or access resources:
www.wileyeurope.com/college/kinsey



9780470424131 • 480pp
March 2009 • Cl • £34.95/€47.20

The Fun Way to Serious Number Theory

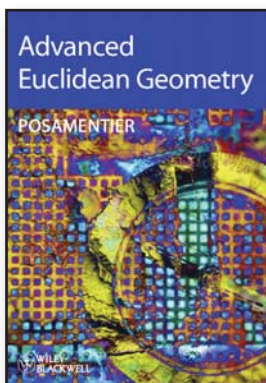
JAMIE POMMERSHEIM, Reed College, ERICA FLAPAN, TIM MARKS

A new book in the field that focuses on making difficult concepts and proofs as accessible as possible without sacrificing mathematical depth.

Features:

- Conversational style presents a rigorous yet well-paced treatment of elementary number theory, together with relevant applications.
- Readable discussions motivate new concepts before their formal definitions are presented.
- Every exercise set contains numerical problems, as well as more advanced problems involving proofs and mathematical reasoning.

Please click here to order your inspection copy or access resources:
www.wileyeurope.com/college/pommersheim



9780470412565 • 254pp
September 2008 • Pb
£42.95/€54.00

Advanced Euclidean Geometry: Excursions for Secondary Teachers and Students

ALFRED S. POSAMENTIER

A comprehensive coverage of the essentials of Advanced Euclidean Geometry.

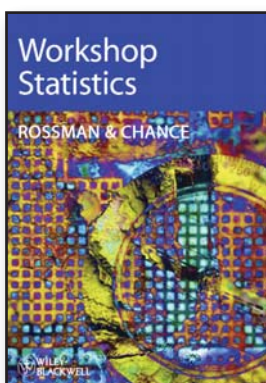
Advanced Euclidean Geometry provides a thorough review of the essentials of the high school geometry course and then expanding those concepts to advanced Euclidean geometry, to give teachers more confidence in guiding student explorations and questions.

Features:

- First chapter includes brief, quick review of the essentials of basic high school geometry.
- Nearly 100 illustrations created with The Geometers Sketchpad.
- Student CD included with the text that has interactive versions of selected illustrations from the text.

Contents: 1 Elementary Euclidean Geometry Revisited. 2 Concurrency of Lines in a Triangle. 3 Collinearity of Points. 4 Some Symmetric Points in a Triangle. 5 More Triangle Properties. 6 Quadrilaterals. 7 Equicircles. 8 The Nine-Point Circle. 9 Triangle Constructions. 10 Circle Constructions. 11 The Golden Section and Fibonacci Numbers

Please click here to order your inspection copy or access resources:
www.wileyurope.com/college/posamentier



9780470417027 • 660pp
July 2008 • Pb • £42.95/€54.00

Workshop Statistics: Discovery with Data

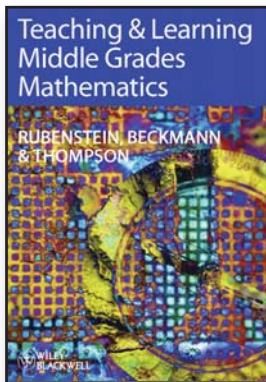
2nd Edition

ALLAN J. ROSSMAN, California Polytechnic State University, San Luis OBISPO BETH CHANCE, California Polytechnic State University, San Luis Obispo.

This version of the text allows the instructor the most flexibility in selecting the technology tools for use in the classroom.

Unlike the traditional statistics textbook approach, the “workshop” pedagogy is based on active student participation. It emphasizes collaborative learning; integrates technology to gather, record, and synthesize data; and requires student observation.

Please click here to order your inspection copy or access resources:
www.wileyurope.com/college/rossman



9780470412534 • 326pp
September 2008 • Pb
£62.50/€78.70

Teaching and Learning Middle Grades Mathematics

RHETA N. RUBENSTEIN, CHARLENE E. BECKMANN, DENISSE RUBILEE THOMPSON

Teaching and Learning Middle Grades Mathematics is the ideal text for future teachers who are completing their pre-service instruction. Through readings, lessons, sample middle grades exercises, and more, future teachers learn to address the teaching and learning of algebraic and geometric thinking at the level appropriate for middle grades students.

The lessons in this text follow a popular collaborative teaching method used in middle schools called Launch, Explore, Share and Summarize that involves very little lecturing, a lot of group work, and class discussions. *Teaching and Learning Middle Grades Mathematics* will serve as a life long resources to students, as each lesson is filled with student pages which are worksheets that can be modified for use in actual middle grades classrooms.

The text comes packaged with a CD-ROM that will be a valuable resource, containing professional readings that correlate directly to the lessons in the text.

Please click here to order your inspection copy or access resources:
www.wileyurope.com/college/rubenstein



9780470414187 • 666pp
August 2008 • Pb • £62.50/€78.70

Sweet Reason: A Field Guide to Modern Logic

TOM TYMOCZKO, JIM HENLE

Sweet Reason is a unique introductory text for modern logic.

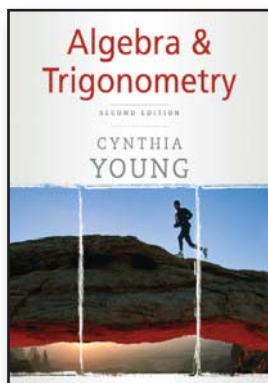
This title covers both the basic rudiments of formal and informal logic as well as the real world where the discipline of logic adds substance and meaning to human discourse.

Features:

- Puzzles, paradoxes, mathematical proofs, cartoons, campaign debate excerpts, and more are used.
- The text alternately discusses, instructs, questions, teases and challenges and readers will find themselves absorbing the fundamentals of the discipline.

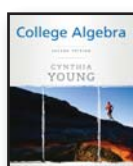
Contents: 1 A Taste of Logic. 2 Everything All at Once and a Warning. 3 Statement Logic, Formal Languages, and Informal Arguments. 4 Valid Arguments, Convincing Arguments, and Punk Logic. 5 Predicates, Programs, and Antique Logic. 6 Deduction, Infinity, and a Haircut. 7 Symbolic Sophistication, Induction, and Business Logic. 8 Completeness, Disbelief, Debates, and Dinner. 9 Paradox, Impossibility, and the Law Notes, References, Hints, and Some Answers

Please click here to order your inspection copy or access resources:
www.wileyurope.com/college/tymoczko

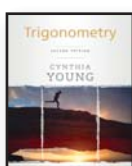


9780470222737 • 1232pp
January 2009 • CI • £57.50/€72.70

Also Available:



College Algebra, 2nd Edition
9780470222720 • 888pp
December 2008 • CI
£81.95/€103.30



Trigonometry, 2nd Edition
9780470222713 • 688pp
April 2009 • CI • £50.50/€64.00

Algebra and Trigonometry

2nd Edition

CYNTHIA Y. YOUNG, University of Central Florida, Orlando, Florida.

An innovative approach that explores the concepts of algebra and trigonometry in an accessible style.

The text features truly unique, strong pedagogy and is written in a clear, single voice that speaks directly to students and mirrors how instructors communicate in lectures.

Features:

- The authors engaging and clear presentation is presented in a layout that is.
- In addition to standard examples, some problems are worked both correctly and incorrectly to highlight common errors students make.
- Review chart organizes the topics in an easy to use one-page layout and includes key concepts and formulas.

Contents: 1 Equations And Inequalities. 2 Graphs. 3 Functions And Their Graphs. 4 Polynomial And Rational Functions. 5 Exponential And Logarithmic Functions. 6 Trigonometric Functions. 7 Analytic Trigonometry. 8 Additional Topic In Trigonometry. 9 Systems Of Linear Equations And Inequalities. 10 Matrices. 11 Analytic Geometry. 12 Sequences, Series, And Probability

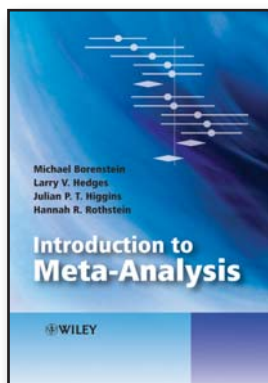
Please click here to order your inspection copy or access resources:

www.wileyeurope.com/college/young

Sign up for
**Wiley Higher
Education**
email alerts



Visit www.wileyeurope.com/college



9780470057247 • 352pp
Feb 2009 • Cl • £34.95/€47.20

Introduction to Meta-Analysis

1st Edition

MICHAEL BORENSTEIN, Biostat Inc., Larry V Hedges, Northwestern University, JULIAN P.T HIGGINS, University College London, HANNAH R. ROTHSTEIN, Baruch College, New York.

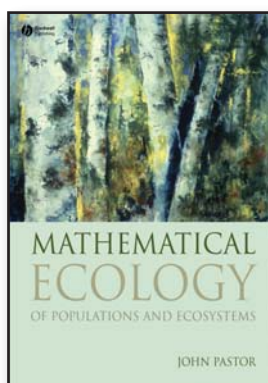
Meta-Analysis is written in a user-friendly style for a multi-disciplinary audience, ranging from medics to social scientists.

Features:

- Assumes no previous knowledge of area, making it accessible to all readers.
- Provides worked examples throughout, with visual explanations, using screenshots from Excel spreadsheets and computer programs such as Comprehensive Meta-Analysis (CMA) or Strata.

Contents: Part 1: Introduction. 1 How a meta-analysis works. 2 Why perform a meta-analysis. 3 Overview. 4 Effect sizes based on means. 5 Effect sizes based on binary data (2x2 tables). 6 Effect sizes based on correlations. 7 Converting among effect sizes. 8 Factors that affect precision. 9 Concluding remarks. 10 Overview. 11 Fixed-effect model. 12 Random-effects model. 13 Fixed effect versus random-effects models. 14 Worked examples (Part 1). 15 Overview. 16 Identifying and quantifying heterogeneity. 17 Prediction intervals. 18 Worked examples (Part 2). 19 Subgroup analyses. 20 Meta-regression. 21 Notes on subgroup analyses and meta-regression. 22 Overview. 23 Independent subgroups within a study. 24 Multiple outcomes or time points within a study. 25 Multiple comparisons within a study. 26 Notes on complex data. 27 Overview. 28 Vote counting – a new name for an old problem. 29 Power Analysis for meta-analysis. 30 Publication bias. Part 7: Issues related to effect size. 31 Overview. 32 Effect sizes rather than p-values. 33 Simpson's paradox. 34 Generality of the basic inverse-variance method. Part 8: Further methods. 35 Overview. 36. Meta-analysis methods based on direction and p-values. 37 Further methods for dichotomous data. 38 Psychometric meta-analysis. Part 9: Meta-analysis in context. 39 Overview. 40 When does it make sense to perform a meta-analysis. 41 Reporting the results of a meta-analysis. 42 Cumulative meta-analysis. 43 Criticisms of meta-analysis. Part 10: Resources and software. 44 Software. 45 Books, web sites and professional organizations.

Please click here to order your inspection copy or access resources:
www.wileyurope.com/college/borenstein



9781405177955 • 344pp
July 2008 • Pb • £34.99/€47.30

Mathematical Ecology of Populations and Ecosystems

JOHN PASTOR, University of Minnesota.

This is a major new introductory textbook on mathematical ecology bridging the subdisciplines of population ecology and ecosystem ecology.

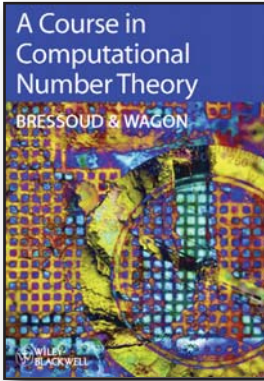
Population ecologists study how births and deaths affect the dynamics of populations and communities, while ecosystem ecologists study how species control the flux of energy and materials through food webs and ecosystems. Although all these processes occur simultaneously in nature, the mathematical frameworks bridging the two disciplines have developed independently. Consequently, this independent development of theory has impeded the cross-fertilization of population and ecosystem ecology. Using recent developments from dynamical systems theory, this advanced undergraduate/graduate level textbook shows how to bridge the two disciplines seamlessly.

Features:

- Emphasizes how a rigorous mathematical approach to ecological questions can challenge common assumptions and lead to new areas of research.

Contents: Part I: Preliminaries. 1 What is Mathematical Ecology and Why Should We Do It? 2 Mathematical Toolbox. Part II: Populations. 3 Homogeneous Populations: Exponential and Geometric Growth and Decay. 4 Age- and Stage-structured Linear Models: Relaxing The Assumption Of Population Homogeneity. 5 Nonlinear Models of Single Populations: The Continuous Time Logistic Model. 6 Discrete Logistic Growth, Oscillations, and Chaos. 7 Harvesting and the Logistic Model. 8 Predators and their Prey. 9 Competition between Two Species, Mutualism, and Species Invasions. 10 Multi-species Community and Food Web Models. Part III: Ecosystems. 11 Inorganic Resources, Mass Balance, Resource Uptake, and Resource Use Efficiency. 12 Litter Return, Nutrient Cycling, and Ecosystem Stability. 13 Consumer Regulation of Nutrient Cycling. 14 Stoichiometry and Linked Element Cycles. Part IV: Populations and Ecosystems in Space and Time. 15 Transitions between Populations and States in Landscapes. 16 Diffusion, Advection, the Spread of Populations and Resources, and the Emergence of Spatial Patterns. Appendices

Please click here to order your inspection copy or access resources:
www.wileyurope.com/college/pastor



9780470412152 • 384pp
Oct 2008 • Cl • £34.95/€47.20

A Course in Computational Number Theory

DAVID BRESSOUD and STAN WAGON both of Macalester College.

This book uses a modern emphasis to illuminate a traditional topic by taking advantage of powerful software to explore its applications.

A Course in Computational Number Theory uses the computer as a tool for motivation and explanation. The book is designed for the reader to quickly access a computer and begin doing personal experiments with the patterns of the integers. It presents and explains many of the fastest algorithms for working with integers.

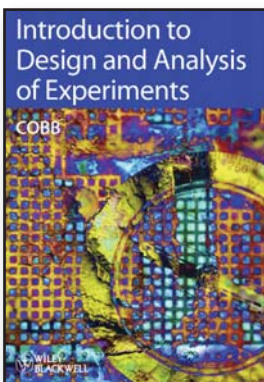
The CD-ROM contains a Mathematica® package that has hundreds of functions that show step-by-step operation of famous algorithms. (The user must have Mathematica in order to use this package.) Also included is an auxiliary package that contains a database of all 53,000 integers below 10^{16} that are 2- and 3-strong pseudoprimes. Users will also have access to an online guide that gives illustrative examples of each function.

- Advanced topics include continued fractions, Pell's equation, and the Gaussian primes.
- Presents and explains many of the fastest algorithms for working with integers.
- Modern emphasis to a traditional topic by taking advantage of powerful software to explore applications.

Contents: 1 Fundamentals. 2 Congruences, Equations, and Powers. 3 Euler's Function. 4 Prime Numbers. 5 Some Applications. 6 Quadratic Residues. 7 Continued Fraction. 8 Prime Testing with Lucas Sequences. 9 Prime Imaginaries and Imaginary Primes. Appendix A Mathematica Basics. B Lucas Certificates Exist

Please click here to order your inspection copy or access resources:

www.wileyeurope.com/college/bressoud



9780470412169 • 802pp
Sept 2008 • Pb • £34.95/€78.70

Introduction to Design and Analysis of Experiments

1st Edition

GEORGE W. COBB

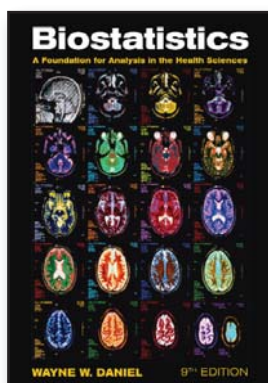
Widely praised for its exceptional range of intelligent and creative exercises.

Introduction to Design and Analysis of Experiments explains how to choose sound and suitable design structures and engages students in understanding the interpretive and constructive natures of data analysis and experimental design. Cobb's approach allows students to build a deep understanding of statistical concepts over time as they analyze and design experiments.

Contents: 1 Introduction To Experimental Design. 2 Informal Analysis and Checking Assumptions. 3 Formal Anova: Decomposing the data and measuring variability, Testing Hypothesis and estimating true differences. 4 Decisions about the Content of an Experiment. 5 Randomization and the Basic Factorial Design. 6 Interaction and the Principle of Factorial Crossing. 7 The Principle of Blocking. 8 Working with the Four Basic Designs. 9 Extending the Basic Designs by Factorial Crossing. 10 Decomposing a Data Set. 11 Comparisons, Contrasts, and Confidence Intervals. 12 The Fisher Assumptions and How to Check Them. 13 Other Experimental Designs and Models. 14 Continuous Carriers: A Visual Approach to Regression, Correlation and Analysis of Covariance. 15 Sampling Distributions and the Role of the Assumptions. Tables. Data Sources.

Please click here to order your inspection copy or access resources:

www.wileyeurope.com/college/cobb



9780470413333 • 960pp
April 2009 • Pb • £39.95/€79.30

Biostatistics: A Foundation for Analysis in the Health Sciences

9th Edition

WAYNE W. DANIEL, Georgia State University.

Develop the statistical tools needed in the allied health fields with this well-known resource.

Anyone entering the allied health field needs to have a working understanding of how data can be turned into useful information. Now in its ninth edition, Wayne W. Daniel's *Biostatistics: A Foundation for Analysis in the Health Sciences* provides a comprehensive introduction to biostatistics as it is used in the biological sciences.

Designed for the undergraduate and graduate student across a range of fields, from the health disciplines to forestry and animal husbandry, the text takes an applied and computer-oriented approach to its topical coverage. Its chapters take you from the basic concepts of probability through hypothesis testing, linear regression and correlation, the analysis of variance, chi-square distribution, nonparametric and distribution-free statistics, and more.

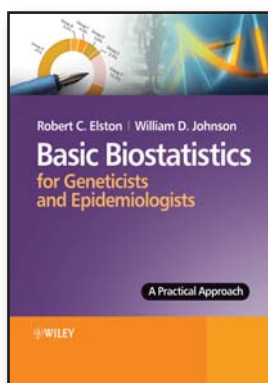
Features:

- Support for multiple programs such as SPSS, SAS, STATA & Minitab.
- Screen captures and technology boxes with step-by-step help.
- Real-world practice through examples and exercises using data from actual research projects and reports.

Contents: Preface. 1. Introduction To Biostatistics. 2. Descriptive Statistics. 3. Some Basic Probability Concepts. 4. Probability Distributions. 5. Some Important Sampling Distributions. 6. Estimation. 7. Hypothesis Testing. 8. Analysis Of Variance. 9. Simple Linear Regression And Correlation. 10. Multiple Regression And Correlation. 11. Regression Analysis: Some Additional Techniques. 12. The Chi-Square Distribution And The Analysis Of Frequencies. 13. Nonparametric And Distribution-Free Statistics. 14. Vital Statistics. Review Questions and Exercises. References. Appendix. Statistical Tables. Answers To Odd-Numbered Exercises. Index.

Please click here to order your inspection copy or access resources:

www.wileyeurope.com/college/daniel



9780470024904 • 392pp
Oct 2008 • Pb • £24.95/€33.70

Basic Biostatistics for Geneticists and Epidemiologists: A Practical Approach

ROBERT C. ELSTON, Department of Epidemiology and Biostatistics, School of Medicine, Case Western Reserve University, WILLIAM JOHNSON, Medical Center, University of Mississippi.

An easily understood overview of statistical principles relevant to genetics and epidemiology research.

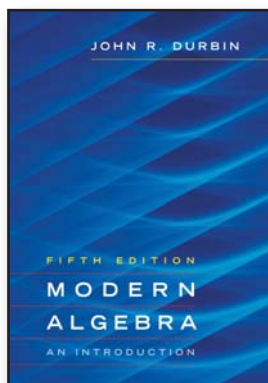
This book has been written to provide an understanding to those who have little or no statistical background and who need to keep abreast of new findings in this fast moving field. Unlike many other elementary books of biostatistics, the main focus of this book is not so much teaching how to perform some of the simpler statistical procedures that may be necessary for a research paper, but rather on explaining basic and fundamental concepts without getting bogged down in computational details.

- Written for those with little or no statistical background.
- Surveys up-to-date statistical methods used in genetics and epidemiology literature, including meta-analysis.
- Gives rationale underlying concepts to allow a better understanding of the appropriateness of procedures in given circumstances.

Contents: 1 Introduction. 2 Populations, Samples, And Study Design. 3 Descriptive Statistics. 4 The Laws Of Probability. 5 Random Variables And Distributions. 6 Estimates And Confidence Limits. 7 Significance Tests And Tests Of Hypotheses. 8 Likelihood Ratios, Bayesian Methods And Multiple. 9 The Many Uses Of Chi-Square. 10 Correlation And Regression. 11 Analysis Of Variance And Linear Models. 12 Some Specialized Techniques. 13 Guides To A Critical Evaluation Of Published Reports. Epilogue. Review Problems. Answers. Appendices

Please click here to order your inspection copy or access resources:

www.wileyeurope.com/college/elston



9780470384435 • 368pp
Dec 2008 • Cl • £67.95/€85.90

Modern Algebra: An Introduction

6th Edition

JOHN R. DURBIN, The University of Texas, Austin.

Durbin provides an accessible introduction to algebra with the help of numerous examples and exercises.

The new sixth edition of *Modern Algebra* has two main goals: to introduce the most important kinds of algebraic structures, and to help students improve their ability to understand and work with abstract ideas.

Features:

- Durbin takes great care in helping students to understand and work with abstract ideas and proofs in a first course in modern algebra.
- Each problem set is organized by level of difficulty. The early problems in each set are grouped in pairs, with solutions to odd-numbered problems in the solutions appendix.
- The material is arranged so that most of the sections can be covered in one lecture.

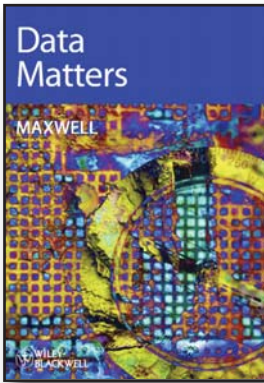
Contents: 1 Introduction. 2 Introduction to Groups. 3 Equivalence. Congruence. Divisibility 4 Groups. 5 Group Homomorphisms. 6 Introduction to Rings 7 The Familiar Number Systems. 8 Polynomials. 9 Quotient Rings. 10 Galois Theory: Overview. 11 Galois Theory. 12 Geometric Constructions. 13 Solvable and Alternating Groups. 14 Applications of Permutation Groups. 15 Symmetry. 16 Lattices and Boolean Algebras. Appendix A Sets. B Proofs. C Mathematical Induction. D Linear Algebra. E Solutions to Selected Problems

Please click here to order your inspection copy or access resources:
www.wileyurope.com/college/durbin

Sign up for
**Wiley Higher
Education**
email alerts



Visit www.wileyurope.com/college



9780470412282 • 625pp
Sept 2008 • Pb • £34.95/€47.20

Data Matters: Conceptual Statistics for a Random World

NICHOLAS MAXWELL

Talks students through the development of statistical ideas using common, everyday language.

With an analytical approach that emphasizes concepts and comprehension, *Data Matters* provides a crucial introduction to statistics by preparing students to think critically about the most common statistics found in the natural and social sciences. Real data and events taken from the daily news media bring relevance to the subject and turn the general reader into a critical and capable consumer of everyday statistics.

Features:

- Uses a logical mathematic progression to teach students how to think effectively.
- Each chapter contains a section called "Avoiding Common Misunderstandings" that takes Maxwell's practical experience in a class room and enables students to avoid making common mistakes in the first place and to understand why.
- Each section includes exercises to reinforce the concepts introduced and includes answers to odd-numbered exercises.

Contents: 1 Introduction: Why Data Matters. Part I: Statistics in the News. Basic Concepts of Statistical Thinking Presented in the Context of Categorical Data. 1. Proportions in Samples, Proportions in Populations. 2 The Pattern in Random Sample Proportions. 3 Making Inferences. 4 Testing Locations and Differences of Proportions. 5 Averages and Other Number Line Statistics in the News. 6 What Sample Data Distribution Reveals About the Population. 7 Testing Treatments. 8 Analysis of Variance. 9 Best Lines. 10 Tests of Regression. Postscript: A Statistical Life

Please click here to order your inspection copy or access resources:

www.wileyeurope.com/college/maxwell

Teach Statistics?

Valuable tools for teachers, rich resource of articles for students



The quarterly magazine of the Royal Statistical Society, **SIGNIFICANCE** communicates and demonstrates, in an entertaining and thought-provoking way, the practical use of statistics in all walks of life and shows how statistics benefit society. Articles are largely non-technical making it accessible and appealing to all those interested in statistics and the analysis and interpretation of data.

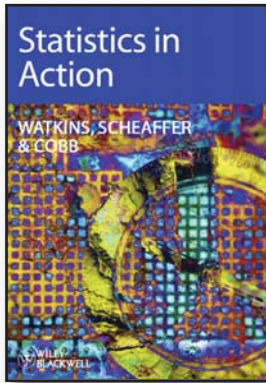
www.interscience.wiley.com/journal/significance



An international journal for teachers, **TEACHING STATISTICS** is perfect for those teaching statistics, mathematics, economics, business studies, geography and the social sciences to students aged 9–19. It provides resources for teaching statistics and probability and provides practical ideas for the classroom.

www.interscience.wiley.com/journal/teachingstatistics

Subscribe Today – Special Rates for Students



9780470412107 • 752pp
August 2008 • Cl • £37.95/€51.30

Statistics in Action: Understanding a World of Data

ANN E. WATKINS, RICHARD L. SCHEAFFER, GEORGE W. COBB

Statistics in Action reflects the latest developments in statistics and employs modern, effective methods to teach this increasingly important topic

Features:

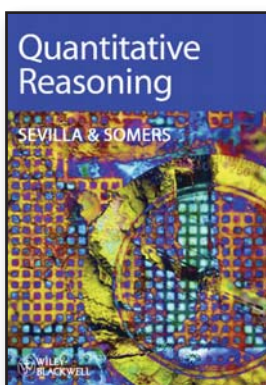
- Important concepts, real-world context- Students will explore, graph and make inferences about data patterns.
- Active learning for deeper thinking.
- Technology drives creativity- Statistics in Action encourages students to use statistical software (such as Fathom) and graphing calculators.

Contents: 1 Problem Solving. 2 Patterns and Recursion. 3 Linear Models and Systems. 4 Functions, Relations, and Transformations. 5 Exponential, Power, and Logarithmic Functions. 6 Quadratic and Other Polynomial Functions. 7 Matrices and Linear Systems. 8 Parametric Equations and Trigonometry. 9 Conic Sections and Rational Functions. 10 Series. 11 Review.

Resources on the Student CD. Prerequisite Review: Numbers and Figures • Operations on Numbers • The Ideas that Motivate Algebra • Exponents • Radicals • Polynomials • Factoring Polynomials • Rational Expressions Calculator Notes Microsoft® Excel Notes – Interactive Spreadsheets for Excel Explorations

Please click here to order your inspection copy or access resources:

www.wileyurope.com/college/watkins



9780470412329 • 625pp
July 2008 • Pb • £58.50/€74.00

Quantitative Reasoning: Tools for Today's Informed Citizen

ALICIA SEVILLA, KAY SOMERS

Tools for Today's Informed Citizen helps students connect mathematics in the classroom with applications in the real world.

Through a series of hands-on activities and explorations, the text empowers students by teaching them to apply quantitative reasoning skills to make informed decisions in their daily lives.

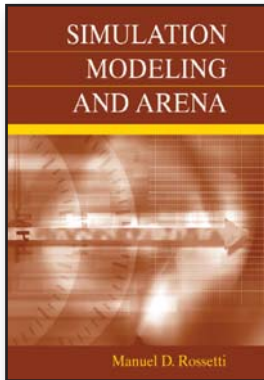
Features:

- Complete integration of technology improving students proficiency with MS Excel, the Internet, and the TI-83/84 Plus graphing calculator.
- Clearly identified Objectives, worked-out Examples, and a Summary for each of the books 21 Topics help students focus their studies.
- Explorations at the end of each Topic present additional real-life applications for students to investigate.

Contents: Section I: Numerical Reasoning. 1 Organizing Information Pictorially Using Charts and Graphs. 2 Bivariate Data. 3 Graphs of Functions. 4 Multiple Variable Functions. 5 Proportional, Linear, and Piecewise Linear Functions. 6 Modeling with Linear and Exponential Functions. 7 Logarithms and Scientific Notation. 8 Indexes and Ratings. 9 Personal Finances. 10 Introduction to Problem Solving. Section II: Logical Reasoning. 11 Decision Making. 12 Inductive Reasoning. 13 Deductive Reasoning. 14 Apportionment. 15 More on Problem Solving Section III: Statistical Reasoning. 16 Averages and Five-Number Summary. 17 Standard Deviation, z-Score, and Normal Distributions. 18 Basics of Probability. 19 Conditional Probability and Tables. 20 Sampling and Surveys. 21 More on Decision Making. Activities: Excel Activities. Graphing Calculator Activities on the Student CD. Resources on the Student CD: Excel Data Bank to Accompany Excel. Activities Selected Answers to Explorations. Graphing Calculator Activities. Graphing Calculator Commands by Activity

Please click here to order your inspection copy or access resources:

www.wileyurope.com/college/sevilla



9780470097267 • 680pp
February 2009 • Pb
£36.95/€49.90

Simulation Modeling and Arena

MANUEL D. ROSSETTI, HAMDY A. TAHA

Emphasizing the art of model building, this book includes engaging activities that show how the concepts are applied in real-world situations.

Simulation Modeling and Arena blends statistical simulation and simulation language together while adding and emphasizing the art of model building.

Features:

- This title uses *Arena Simulation Environment* as the primary modeling tool for teaching simulation.
- Coverage of queuing and inventory models: provides background for building more complex models.
- Comprehensive examples and problems sets.

Contents: 1 Simulation Modeling. 2 Basic Process Modeling. 3 Modeling Randomness in Simulation. 4 Analyzing Simulation Output. 5 Modeling Queueing and Inventory Systems. 6 Entity Movement and Material Handling Constructs. 7 Miscellaneous Topics in Arena Modeling. 8 Application of Simulation Modeling.

Please click here to order your inspection copy or access resources:

www.wileyeurope.com/college/rossetti



9780470322550 • 352pp
December 2008 • Cl
£32.95/€44.50

Modeling Random Processes for Engineers and Managers

JAMES J. SOLBERG, Purdue University.

A more descriptive approach to stochastic modeling that highlights real-world applications of modeling.

Modeling Random Processes for Engineers and Managers offers an accessible entry into a very useful and versatile set of tools for dealing with uncertainty and variation.

Features:

- Emphasis on formulation: explains the thinking process required to create an original model via concrete examples.
- Numerous case studies and examples involving realistic applications that demonstrate versatility of the tools and help ease learning.
- Unique approach to computation: relates computational solutions to visually recognizable subgraphs of the transition diagram.

Contents: 1 Probability Review. 2 Formulating Markov Chain Models. 3 Markov Chain Calculations. 4 Rewards on Markov Chains. 5 Continuous Time Markov Processes. 6 Queuing Models. 7 Networks of Queues. 8 Using the Transition Diagram to Computer. Appendix 1 Visual Basic Code for Closed Queuing Networks. 2 Answers to Selected Exercises

Please click here to order your inspection copy or access resources:

www.wileyeurope.com/college/solberg

INDEX/ORDER INFORMATION

ISBN	AUTHOR	TITLE	PAGE
9780470413494	ADAMS	Why Knot?	5
9780470398746	ANTON	Calculus: Late Transcendentals Combined, 9e	1
9780470398753	ANTON	Calculus: Early Transcendentals Combined, 9e	1
9780470183465	ANTON	Calculus: Multivariable, 9e	1
9780470182048	ANTON	Calculus: Early Transcendentals Single Variable, 9e	1
9780470183472	ANTON	Calculus: Late Transcendentals Single Variable, 9e	1
9780470180723	AXLER	Precalculus: A Prelude to Calculus, 1e	5
9780470412770	BLANK	Calculus: Single-Variable, 1e	2
9780470412718	BLANK	Calculus: Multivariable, 1e	2
9780470057247	BORENSTEIN	Introduction to Meta-Analysis, 1e	13
9780470398739	BOYCE	Elementary Differential Equations and Boundary Value Problems, 9e	3
9780470039403	BOYCE	Elementary Differential Equations, 9e	3
9780470418505	BRANNAN	Differential Equations with Boundary Value Problems	2
9780470412152	BRESSOUD	A Course in Computational Number Theory	14
9780470412220	BURGER	Extending the Frontiers of Mathematics	6
9780470413098	BURGER	The Heart Of Mathematics, 2e	6
9780470412497	BURGIS	Investigating College Algebra with Technology, 1e	7
9780470412121	CALTER	Squaring the Circle, 1e	7
9780470412169	COBB	Introduction to Design and Analysis of Experiments, 1e	14
9780470413333	DANIEL	Biostatistics: A Foundation for Analysis in the Health Sciences, 9e	15
9780470384435	DURBIN	Modern Algebra: An Introduction, 6e	16
9780470024904	ELSTON	Basic Biostatistics for Geneticists and Epidemiologists	15
9780470409442	HALLETT	Calculus: Single and Multivariable, 5e	4
9780471484820	HALLETT	Calculus: Single Variable, 5e	4
9780470412510	HASTINGS	Workshop Precalculus	8
9780470412244	JOHNSON	Crossing the River with Dogs	8
9780470412381	KINSEY	Symmetry, Shape, and Space	9
9780470412282	MAXWELL	Data Matters	17
9781405177955	PASTOR	Mathematical Ecology of Populations and Ecosystems	13
9780470424131	POMMERSHEIM	The Fun Way to Serious Number Theory	9
9780470412565	POSAMENTIER	Advanced Euclidean Geometry	10
9780470097267	ROSSETTI	Simulation Modeling and Arena	19
9780470417027	ROSSMAN	Workshop Statistics, 2e	10
9780470412534	RUBENSTEIN	Teaching and Learning Middle Grades Mathematics	11
9780470412329	SEVILLA	Quantitative Reasoning	18
9780470322550	SOLBERG	Modeling Random Processes for Engineers and Managers	19
9780470054567	STRAUSS	Partial Differential Equations: An Introduction	2
9780470414187	TYMOCZKO	Sweet Reason	11
9780470412107	WATKINS	Statistics in Action	18
9780470222737	YOUNG	Algebra and Trigonometry, 2e	12
9780470222720	YOUNG	College Algebra, 2e	12
9780470222713	YOUNG	Trigonometry, 2e	12

HOW TO ORDER

1

To request an inspection copy

Inspection copies can be ordered via the website www.wileyeurope.com/college

Simply select the book you would like to request and click on the '*Request an evaluation copy*' link on the top right of the page.

Alternatively drop us an email to highereducation@wiley.com giving your full postal address and details of the book.

2

To access supplementary material

Most supplementary material can be accessed online at www.wileyeurope.com/college

Select the book concerned and click on the '*Go to the Instructor Companion Site*' link on the top right of the page.

If you are unable to find details please contact highereducation@wiley.com

3

Contact a representative

A full list of contact details can be found at the back of this catalogue.

WILEY ACADEMIC REPRESENTATION & EUROPEAN OFFICES

WILEY EUROPE

Wiley Europe, Ltd

The Atrium
Southern Gate
Chichester
West Sussex
PO19 8SQ
England
Tel: +44 1243 779777
Fax: +44 1243 775878
e-mail: customer@wiley.com

Blackwell Publishing Ltd

9600 Garsington Road
Oxford
OX4 2DQ
England
Tel: +44 1865 776868
Fax: +44 1865 714591

Blackwell Munksgaard

1 Rosenørns Allé
DK-1970 Frederiksberg C
Denmark
Tel: +45 7733 3333
Fax: +45 7733 3377

Blackwell Verlag

Kurfürstendamm 58
D-10707
Berlin
Germany
Tel: +49 3032 79060
Fax: +49 3032 790610

WILEY-VCH

Boschstrasse 12
69469 Weinheim
Germany
Tel: +49 6201 6060
Fax: +49 6201 606328
e-mail: info@wiley-vch.de

ACADEMIC SALES REPRESENTATION

Sales & Educational Publishing Director

Philip Kisray

Tel: +44 (0)1243 770372
Fax: +44 (0) 1243 770481
e-mail: pkisray@wiley.co.uk

Higher Education Sales & Marketing Director

Neil Broomfield

Tel: +44 (0)1243 770408
Fax: +44 (0)1243 770571
e-mail: nbroomfi@wiley.com

European Academic Sales Manager

Mark Hunt

Tel: +44 (0)1243 770262
Fax: +44 (0)1243 770571
Mobile: +44 (0) 7801 010 235
e-mail: mhunt@wiley.com

e-Solutions Manager

Iain Gibson

Mobile: +44 (0) 7956 839558
e-mail: igibson@wiley.com

United Kingdom & Ireland

Wendy Alexander

Mobile: +44 (0) 7827 952918
Fax: +44 (0) 1243 770571
e-mail: wealexand@wiley.com

South London, South East England

Andrew Dawton

Tel: +44 (0) 1880 820661
Mobile: 07734 857072
Fax: +44 (0) 1243 770571
e-mail: adawton@wiley.com

Ireland

Caron Horsgood

Tel: +44 (0) 1296 771065
Mobile: +44 (0) 7827 851959
Fax: +44 (0) 1243 770571
e-mail: chorsgood@wiley.com

*North London, Northern Home
Counties, East Anglia*

Carmel McCarthy

Tel: +44 (0) 117 923 9147
Mobile: +44 (0) 7834 139900
Fax: +44 (0) 1243 770571
e-mail: mcarthy@wiley.com

South West England, Wales

Christopher Ross

Mobile: +44 (0) 7968 106737
Fax: +44 (0) 1243 770571
e-mail: chross@wiley.com

North West England

TBC

Fax: +44 (0) 1243 770571
Scotland, North East England

Europe

Academic Regional Sales Manager

James Fletcher

Tel: +31 23 551 05 06
Fax: +31 23 551 54 82
Mobile: +31 6 23 36 44 94
e-mail: james.fletcher@wiley.com

Iceland

Jonas Nordgren

Fax: +46 13 13 68 60
Mobile: +46 768 521560
e-mail: jonas.nordgren@wiley.com

Sweden, Finland

Camilla Vangsgaard

Fax: +45 66 11 90 53
Mobile: +45 61 39 33 20
e-mail: cvangsga@wiley.com

Denmark and Norway

Rachel Welter

Fax: +31 6 11 51 60 76
e-mail: rvwelter@wiley.com

*The Netherlands, Belgium,
Luxembourg*

Bettina Adler & Gabriele Walther

Tel: +49 62 01 60 61 36
Fax: +49 62 01 60 61 00
e-mail: college@wiley-vch.de

Germany, Austria, Switzerland

Regional Sales Manager

Matthew Wilson

Tel: +44 (0) 114 237 5441
Fax: +44 (0) 114 237 5416
Mobile: +44 (0) 7956 638557
e-mail: mwilson@wiley.com

*Southern Europe, Italy, Spain,
Portugal*

Philip Tyers

Tel: +30 210 213 3436
e-mail: ptyers@wiley.com

*Greece, Cyprus, Romania, Bulgaria,
Slovenia, Croatia, Bosnia, Serbia,
Montenegro, Hungary*

Regional Sales Manager

Adam Wills

Tel: +44 (0) 1243 770212
Mobile: +44 (0) 7956 839 454
e-mail: awills@wiley.com

France

Jacek Lewinson

Tel: +48 22 62 83 956
Mobile: +48 502 603290
e-mail: jacek.lewinson@data.pl

Russia

Middle East & Africa

General Sales Manager

Geoff Naylor

Tel/Fax: +44 (0)1243 770341
Mobile: +44 (0) 7889 325487
e-mail: gnaylor@wiley.com

Middle East and Africa

Regional Sales Manager

Ben Fasham

Tel: +44 (0) 1243 770330
Fax: +44 (0) 1243 770481
Mobile: +44 (0) 7734 857 074
e-mail: bfasham@wiley.com

Middle East

Regional Sales Manager

Melissa Abbots

Tel/Fax: +44 (0) 1243 770330
Mobile: +44 (0) 7825 274671
e-mail: mabbots@wiley.com

*Middle East - Jordan, Lebanon,
Syria, Turkey, UAE, and Yemen*

Regional Sales Manager

Mehdi Omranloo

Tel: +98 21 225 81259/225 56500
Fax: +98 21 225 66017
e-mail: momranlo@wiley.com

*Iran, Pakistan, Bahrain, Kuwait,
Oman, Qatar, Azerbaijan,
Uzbekistan, and Afghanistan*

Regional Sales Manager

Penny de la Plaine

Tel: +27 21 674 1734
Mobile: +27 82 658 5270
e-mail: jwiley@icon.co.za

*South Africa, Coastal Provinces,
East, Central and Southern Africa*

Carol Pepper

Fax: +27 11 465 5023
Mobile: +27 82 322 2479
e-mail: cpepper@icon.co.za

South Africa Inland

Janice Rimbault

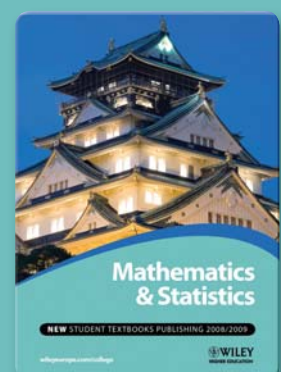
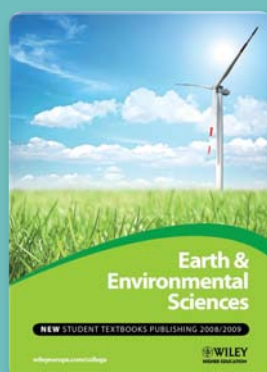
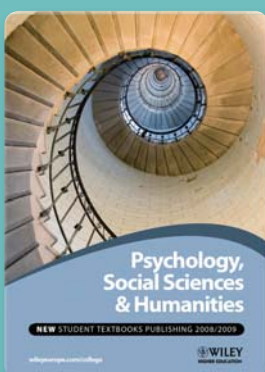
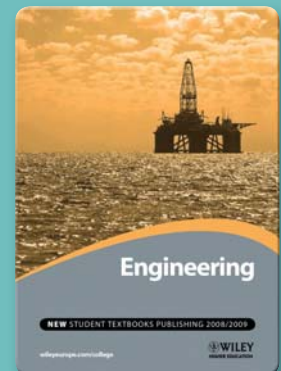
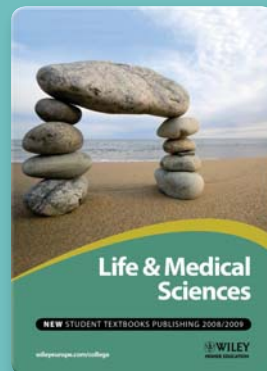
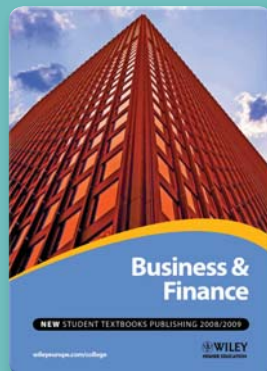
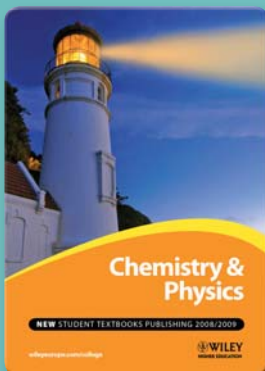
Tel: +27 31 266 36 99
Mobile: +27 82 321 67 07
e-mail: wiley@mwebbiz.co.za

*Southern Africa East Coast,
Durban*

www.wileyurope.com/college



Visit our website for further information and to view additional resources.



To request catalogues in other subject areas email HigherEducation@wiley.com



JOHN WILEY & SONS LTD

Chichester • London • New York • Brisbane • Singapore • Toronto