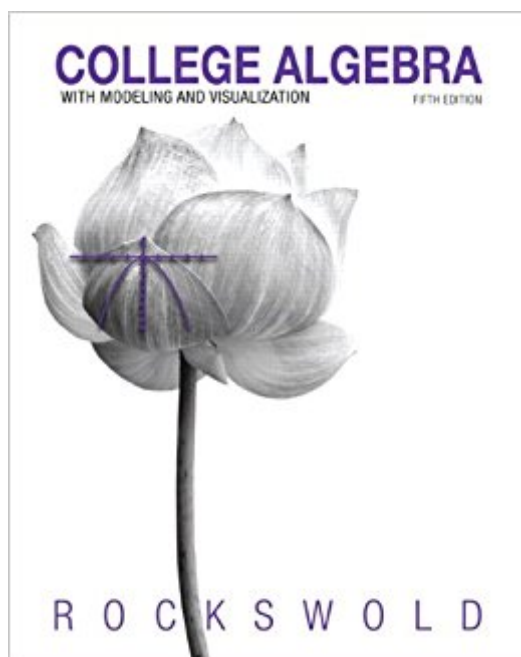


The book was found

College Algebra With Modeling & Visualization (5th Edition)



Synopsis

By connecting applications, modeling, and visualization, Gary Rockswold motivates students to learn mathematics in the context of their experiences. In order to both learn and retain the material, students must see a connection between the concepts and their real lives. In this new edition, connections are taken to a new level with "See the Concept" features, where students make important connections through detailed visualizations that deepen understanding. Rockswold is also known for presenting the concept of a function as a unifying theme, with an emphasis on the rule of four (verbal, graphical, numerical, and symbolic representations). A flexible approach allows instructors to strike their own balance of skills, rule of four, applications, modeling, and technology.

0321900456 / 9780321900456 Algebra and Trigonometry with Modeling & Visualization Plus MyMathLab with Pearson eText - Access Card Package Package consists of: 0321431308 / 9780321431301 MyMathLab/MyStatLab -- Glue-in Access Card 0321654064 / 9780321654069 MyMathLab Inside Star Sticker 0321826124 / 9780321826121 Algebra and Trigonometry with Modeling & Visualization

Book Information

Hardcover: 848 pages

Publisher: Pearson; 5 edition (December 31, 2012)

Language: English

ISBN-10: 0321826132

ISBN-13: 978-0321826138

Product Dimensions: 8.6 x 1.4 x 10.9 inches

Shipping Weight: 1.6 pounds (View shipping rates and policies)

Average Customer Review: 3.5 out of 5 stars See all reviews (54 customer reviews)

Best Sellers Rank: #62,999 in Books (See Top 100 in Books) #55 in Books > Science & Math > Mathematics > Popular & Elementary > Pre-Calculus #172 in Books > Textbooks > Science & Mathematics > Mathematics > Algebra & Trigonometry #205 in Books > Science & Math > Mathematics > Pure Mathematics > Algebra

Customer Reviews

I'm a math instructor at a community college and have been unfortunate to have to use this text for a College Algebra class, 3 semesters in a row. This text is the worst math textbook on Earth! It introduces "rules" without the necessary logical derivation/explanation so the students are "encouraged" to memorize without thinking. It lacks logical ordering and structure - the examples in

each section do not develop logically and gradually from each other but are presented usually in a haphazard order. I have to reorder them for class presentations. It lacks consistency - the summaries sometimes skip concepts that were covered in a section; the example problems often do not match the difficulty and variations in the homework; some types of problems simply do not appear at all in the Review sections. The lecture slides are often too succinct and insufficient, the videos are organized at the discretion of the presenter trying to compensate for the chaotic presentation in the textbook, the animations were written by 3rd party and are not synchronized with the textbook. It lacks depth - some variations of particular concept have no sufficient number of problems to train it (example: the need to isolate the absolute value on one side before solving equations or inequalities with it). The problems in the homework are not ordered by conceptual development or difficulty but are just lumped together in chaotic order within broad categories. When I make a homework set, I am forced to rearrange problems A LOT!! had to write a Study Guide for my students to counteract the chaos this textbook is creating in their heads.

Preface: I have an engineering degree, and I have taught a course (in MATLAB) to students with my own materials in the past. I have spent many hours over the last two months assisting a friend with a class using this textbook. This textbook is the worst math textbook I have ever encountered, period. The chapter headings and section names make no sense. There are literally chapters called "More Algebra" with a bunch of random topics thrown in which no names given to them (sequences, series, probability, combinations, and permutations). Each chapter starts with a "real world example", then jumps directly to examples with little to no explanation of the math. It goes through all the examples for the material, with tiny (often 1 sentence and 1 equation) sidebars of the actual math definition interspersed. The only even tiny bit of clear definition of the math involved is in a "bringing it all together" *table* which is AFTER all the examples. A table, with no elaboration at all. It's almost impossible to locate an important concept or definition, because they are in the little teeny tiny sidebars throughout the examples. It's impossible to tell what concepts are most critical or the foundation of what is going to be in a chapter, because the beginning of the chapter does not define or elaborate on them. The visual style of the book with lots of colors, tables, etc. further distracts from the material being presented. I would say this book spends a small amount of time on "real world modeling", a bunch of time on confusing examples, and almost NO time at all *actually teaching mathematical concepts in a coherent manner*. Find another pre-calculus book (which is what this actually is), don't both with this one.

[Download to continue reading...](#)

College Algebra with Modeling & Visualization (5th Edition) College Algebra with Modeling & Visualization plus NEW MyMathLab with Pearson eText -- Access Card Package (5th Edition) (Rockswold Series) Engineering Design Graphics: Sketching, Modeling, and Visualization, 2nd Edition Engineering Design Graphics: Sketching, Modeling, and Visualization The Fundamentals of Visualization, Modeling, and Graphics for Engineering Design Visualization, Modeling, and Graphics for Engineering Design Intermediate Algebra with Applications & Visualization (4th Edition) Modeling, Functions, and Graphs: Algebra for College Students (with iLrn™ Printed Access Card) (Available Titles CengageNOW) A-Plus Notes for Beginning Algebra: Pre-Algebra and Algebra 1 Algebra and Trigonometry with Analytic Geometry (College Algebra and Trigonometry) Linear Algebra and Its Applications plus New MyMathLab with Pearson eText -- Access Card Package (5th Edition) (Featured Titles for Linear Algebra (Introductory)) College Algebra and Trigonometry: A Unit Circle Approach (5th Edition) Go To College For Free: College Planning ABC's Guide To Finding Scholarships, Financial Aid and Free Tuition Awards For College Microsoft Excel 2013 Data Analysis and Business Modeling: Data Analysis and Business Modeling (Introducing) 3D Modeling For Beginners: Learn everything you need to know about 3D Modeling! Introduction to the Numerical Modeling of Groundwater and Geothermal Systems: Fundamentals of Mass, Energy and Solute Transport in Poroelastic Rocks (Multiphysics Modeling) Geochemical Modeling of Groundwater, Vadose and Geothermal Systems (Multiphysics Modeling) Mathematical Modeling of Collective Behavior in Socio-Economic and Life Sciences (Modeling and Simulation in Science, Engineering and Technology) Student Solutions Manual for Differential Equations: Computing and Modeling and Differential Equations and Boundary Value Problems: Computing and Modeling Visualization and Engineering Design Graphics with Augmented Reality (Second Edition)

[Dmca](#)