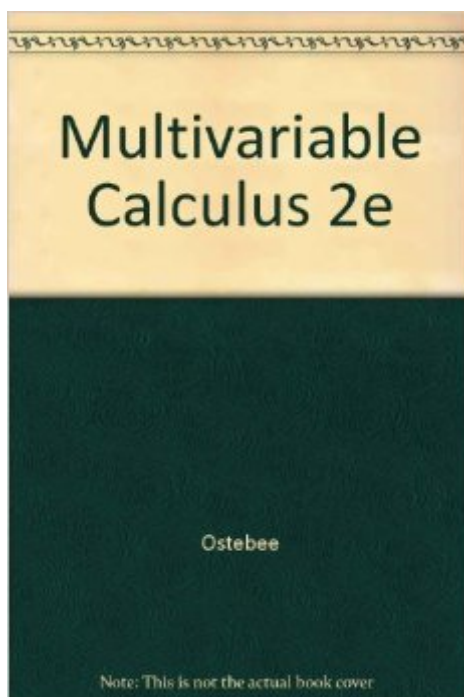


The book was found

# AP MATHEMATICS: OSTELEE MULTI VAR CALC 2E (256828) 2004



## Synopsis

Ostebee and Zorn's approach applies reform principles to a rigorous calculus text. Conceptual understanding is the main goal of the text, and looking at mathematics from many representations (graphical, symbolic, numerical) is the main strategy for achieving this type of understanding. The key strengths of the text include combining symbolic manipulation with graphical and numerical representation, exercises of a varied nature and difficulty, and explanations written to be understandable to student readers. A student-friendly and approachable tone, numerous examples, critical-thinking questions, and supportive details and commentary help students successfully read and use the text. Representation of mathematical concepts through a variety of viewpoints supports different learning styles. Students see the math worked out through multiple representations—graphically, numerically, and symbolically—to enhance conceptual understanding. Proofs presented at point of use contribute significantly to helping students understand rigorous calculus concepts and develop analytic skills. Varied exercise sets offer instructors more options for creating homework assignments. Basic Exercises, which are straightforward and focus on a single idea, help students build basic skills. Further Exercises are a little more ambitious and may require the synthesis of several ideas, a deeper or more sophisticated understanding of basic concepts, or the use of a computer algebra system such as Maple or Mathematica. These are available for professors to assign when they would like to challenge their students and incorporate technology into their course. Answers to Select Exercises can be found in the back of the text, enabling students to get immediate feedback and assess their understanding of the material. Interludes are brief project-oriented expositions, with related exercises, that extend the concepts presented in the chapter. Professors have the opportunity to include these topics found at the end of the chapter as independent work, group work, or as a classroom activity. The Interludes include theoretical problems and proofs intended to enhance student understanding of the key calculus concepts.

## Book Information

Paperback: 448 pages

Publisher: MCDUGAL LITTEL; 2 edition (May 31, 2002)

Language: English

ISBN-10: 0618248579

ISBN-13: 978-0618248575

Product Dimensions: 10.4 x 8.5 x 0.8 inches

Shipping Weight: 2 pounds

Average Customer Review: Be the first to review this item

Best Sellers Rank: #3,322,596 in Books (See Top 100 in Books) #29 in Books > Children's Books > Education & Reference > Math > Advanced #5535 in Books > Science & Math > Mathematics > Pure Mathematics > Calculus

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

AP MATHEMATICS: OSTELEE MULTI VAR CALC 2E (256828) 2004 AP MATHEMATICS: OSTELEE CALC V1 CH1-5+SSM+NAV CD 2E 2002 The Web Collection: Flash MX 2004, Dreamweaver MX 2004, Fireworks MX 2004, Design Professional Tupac Shakur: Multi-platinum Rapper: Multi-Platinum Rapper (Lives Cut Short) Software Reuse: Methods, Techniques, and Tools: 8th International Conference, ICSR 2004, Madrid, Spain, July 5-9, 2004, Proceedings (Lecture Notes in Computer Science) The Playful Prince: A Dragon Lords Story: Lords of the Var, Book 2 Cryptography and Lattices: International Conference, CaLC 2001, Providence, RI, USA, March 29-30, 2001. Revised Papers (Lecture Notes in Computer Science) Excel: Strategic Use of the Calc Spreadsheet in Business Environment, Data Analysis and Business Modeling The Bound Prince: Lords of the Var, Book 3 The Savage King: A Dragon Lords Story: Lords of the Var, Book 1 How to Bake Pi: An Edible Exploration of the Mathematics of Mathematics The Birth of Mathematics: Ancient Times to 1300 (Pioneers in Mathematics) Practical Problems in Mathematics for Heating and Cooling Technicians (Practical Problems In Mathematics Series) Practical Problems in Mathematics for Heating and Cooling Technicians (Applied Mathematics) Teaching Student-Centered Mathematics: Developmentally Appropriate Instruction for Grades 3-5 (Volume II) (2nd Edition) (Teaching Student-Centered Mathematics Series) The Stanford Mathematics Problem Book: With Hints and Solutions (Dover Books on Mathematics) The Mathematics of Medical Imaging: A Beginner's Guide (Springer Undergraduate Texts in Mathematics and Technology) Introduction to the Mathematics of Finance: From Risk Management to Options Pricing (Undergraduate Texts in Mathematics) Teaching Student-Centered Mathematics: Developmentally Appropriate Instruction for Grades Pre-K-2 (Volume I) (2nd Edition) (Teaching Student-Centered Mathematics Series) Advanced Mathematics: Precalculus With Discrete Mathematics and Data Analysis

[Dmca](#)