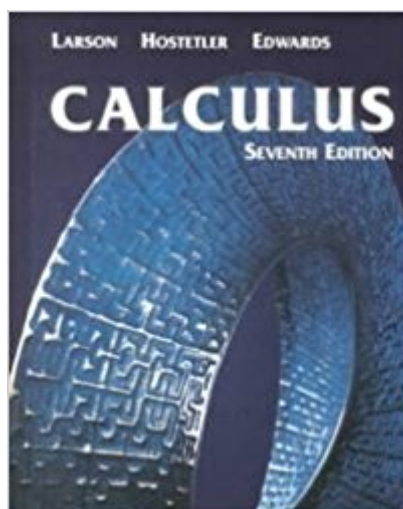


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Calculus With Analytic Geometry



Synopsis

Designed for the three-semester course for math and science majors, the Larson/Hostetler/Edwards series continues its tradition of success by being the first to offer both an Early Transcendental version as well as a new Calculus with Precalculus text. This was also the first calculus text to use computer-generated graphics (Third Edition), to include exercises involving the use of computers and graphing calculators (Fourth Edition), to be available in an interactive CD-ROM format (Fifth Edition), and to be offered as a complete, online calculus course (Sixth Edition). Every edition of the book has made the mastery of traditional calculus skills a priority, while embracing the best features of new technology and, when appropriate, calculus reform ideas. The Seventh Edition also expands its support package with an all-new set of text-specific videos. P.S. Problem-Solving Sections, an additional set of thought-provoking exercises added to the end of each chapter, require students to use a variety of problem-solving skills and provide a challenging arena for students to work with calculus concepts. Getting at the Concept Exercises added to each section exercise set check students' understanding of the basic concepts. Located midway through the exercise set, they are both boxed and titled for easy reference. Review Exercises at the end of each chapter have been reorganized to provide students with a more effective study tool. The exercises are now grouped and correlated by text section, enabling students to target concepts requiring review. The icon "IC" in the text identifies examples that appear in the Interactive Calculus 3.0 CD-ROM and Internet Calculus 2.0 web site with enhanced opportunities for exploration and visualization using the program itself and/or a Computer Algebra System. Think About It conceptual exercises require students to use their critical-thinking skills and help them develop an intuitive understanding of the underlying theory of the calculus. Modeling Data multi-part questions ask students to find and interpret mathematical models to fit real-life data, often through the use of a graphing utility. Section Projects, extended applications that appear at the end of selected exercise sets, may be used for individual, collaborative, or peer-assisted assignments. True or False? Exercises, included toward the end of many exercises sets, help students understand the logical structure of calculus and highlight concepts, common errors, and the correct statements of definitions and theorems. Motivating the Chapter sections opening each chapter present data-driven applications that explore the concepts to be covered in the context of a real-world setting. --This text refers to an out of print or unavailable edition of this title.

Book Information

Hardcover: 1091 pages

Publisher: Houghton Mifflin; 7th edition (July 11, 2001)

Language: English

ISBN-10: 0618141804

ISBN-13: 978-0618141807

Product Dimensions: 1.8 x 9 x 11.2 inches

Shipping Weight: 6.2 pounds

Average Customer Review: 4.3 out of 5 stars 53 customer reviews

Best Sellers Rank: #52,565 in Books (See Top 100 in Books) #7 in [Books > Science & Math > Mathematics > Geometry & Topology > Analytic Geometry](#) #15 in [Books > Textbooks > Science & Mathematics > Mathematics > Geometry](#) #147 in [Books > Textbooks > Science & Mathematics > Mathematics > Calculus](#)

Customer Reviews

Dr. Ron Larson is a professor of mathematics at The Pennsylvania State University, where he has taught since 1970. He received his Ph.D. in mathematics from the University of Colorado and is considered the pioneer of using multimedia to enhance the learning of mathematics, having authored over 30 software titles since 1990. Dr. Larson conducts numerous seminars and in-service workshops for math educators around the country about using computer technology as an instructional tool and motivational aid. He is the recipient of the 2013 Text and Academic Authors Association Award for CALCULUS, the 2012 William Holmes McGuffey Longevity Award for CALCULUS: AN APPLIED APPROACH, the 2011 William Holmes McGuffey Longevity Award for PRECALCULUS: REAL MATHEMATICS, REAL PEOPLE, and the 1996 Text and Academic Authors Association TEXTY Award for INTERACTIVE CALCULUS (a complete text on CD-ROM that was the first mainstream college textbook to be offered on the Internet). Dr. Larson authors numerous textbooks including the best-selling Calculus series published by Cengage Learning.

It is a great book, but I should have purchased the 10th edition rather than the 5th! The chapter explanations could be better, but this is a text book to be used in class with an instructor. I am supplementing the book with another text that goes into more extensive explanations, but both books follow the same material

A very substantial text with coverage of all the topics. Good exercises. Could use more detailed explanations and better use of color.

Good presentation!

great book to learn from. text is easy to read and follow. great for looking things up when you need them.

To be frank i hated the packaging it stuck too the package too much. However, this was an amazing purchase as the both the interior and exterior of the both were absolutely perfect. Also the book itself is extremely helpful and masterfully put together. I would recommend this book to anyone looking to learn calculus.

Book is in a very usable state. Great service from the seller!

A bit too advanced for me. It certainly is a large book.

I don't want the solutions manual, when I picked this book I originally picked on the actual textbook, oh well.

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