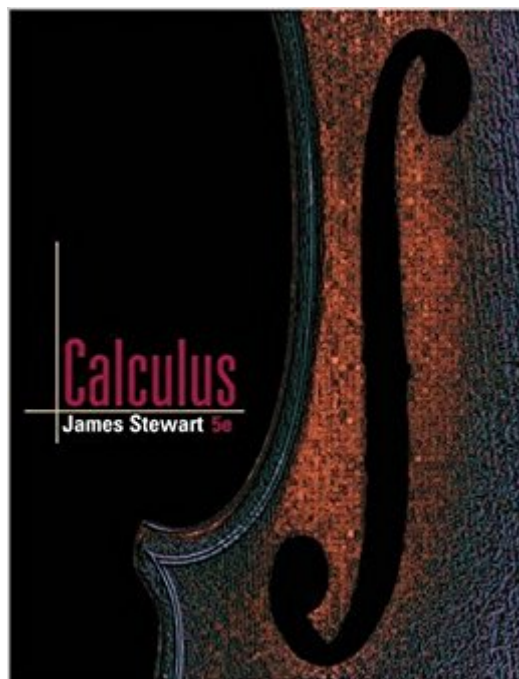


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Calculus, 5th Edition



Synopsis

Stewart's CALCULUS, Fifth Edition has the mathematical precision, accuracy, clarity of exposition and outstanding examples and problem sets that have characterized the first four editions. Stewart retains the focus on problem solving and the pedagogical system that has made the book a favorite of students and instructors in a wide variety of colleges and universities throughout the world. In this Fifth Edition, he has made hundreds of small improvements: new examples, additional steps in existing examples, updating of data in existing examples and exercises, new phrases and margin notes to clarify the exposition, references to other sources and web sites, redrawn art, and references to the TEC CD (Tools for Enriching Calculus). These refinements ensure that students and instructors have the best materials available. The number of pages in the book, however, remains unchanged from the 4th edition. Further support for students and instructors is now available through a vast array of supplementary material.

Book Information

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Customer Reviews

The late James Stewart received his M.S. from Stanford University and his Ph.D. from the University of Toronto. He did research at the University of London and was influenced by the famous mathematician George Polya at Stanford University. Stewart was most recently Professor of Mathematics at McMaster University, and his research field was harmonic analysis. Stewart was the author of a best-selling calculus textbook series published by Cengage Learning, including CALCULUS, CALCULUS: EARLY TRANSCENDENTALS, and CALCULUS: CONCEPTS AND

CONTEXTS, as well as a series of precalculus texts.

This is a relatively good book on calculus. However, this book does not explain the "why"s of calculus very well. I guess if you are into rote problem solving without clear foundation, it is good book for you. This textbook is 1200 pages. How many pages will be actually covered in one semester using this book? The content is relatively well written (they had 8 revision so far to get it right). The amount of examples is relatively large comparable to other similar text books. My pet gripe in the textbook industry is the arrival of new editions every year or two. This book is no exception. The difference between this version and version 8 is so slight, it begs the question "how do you justify a new +200\$ text book"? Another gripe is that there are so many variations on similar topics, early transcendental, calculus on single variable, on multiple variables, etc. If you cannot get at least that in a single volume 1200 page text book, then there might be other motive for all these different versions. I know, you have no choice is your school select this book to use in class.

Was able to use this book for several semesters. Saved a lot of money that way. This edition is very similar to all the previous editions, with only a couple added problems per a chapter. Does a good job at explaining how to work the math problem. The examples do tend to be easier than the problems that are at the end of each section for homework. More helpful if you have a teacher that is good at going over the concepts in the book.

I intend to be a math teacher someday, and I hope that this is the book that I use. I can't give it full marks due to some confusing descriptions during the integration and series sections...but it does a fabulous job if you have time to devote to reading it with full attention. Diving into the more difficult questions of each section is rewarding and makes you want to be the best student you can be. I wish that I had more free time to devote to TRULY mastering everything in here. As with all textbooks, the price is steep. I am not sure I can say almost \$300 is worth it for everyone...but if you are in for the long haul with Calculus, I would recommend this as a worthy use of funds...but I may just be a math nerd.

If you're an engineer needing a calc refresher for the FE/PE, this is an excellent text. As you can get copies in good shape on for nominal cost, you can't go wrong. Just working through the examples should be sufficient to bring those old skills back. If you feel the need to go in depth the complete solutions manual is available as a PDF on a number of torrent sites. Best wishes!

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This edition was used in creating another equation that launch the space shuttle. Great author and book

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