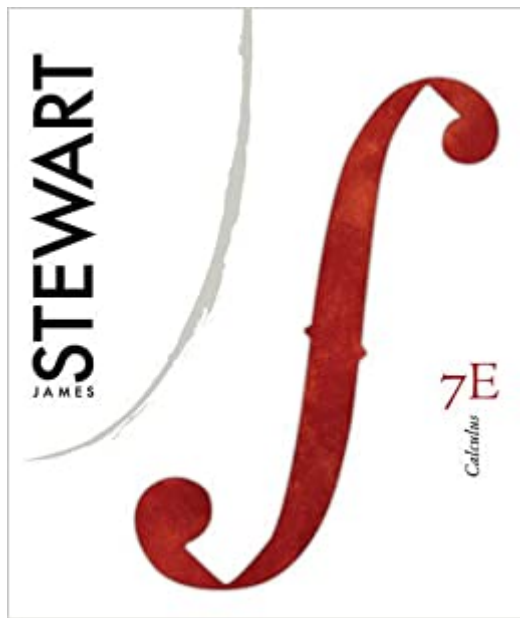


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# Calculus, 7th Edition



## Synopsis

Success in your calculus course starts here! James Stewart's Calculus texts are worldwide best-sellers for a reason: they are clear, accurate, and filled with relevant, real-world examples. With Calculus (Seventh Edition), Stewart conveys not only the utility of calculus to help you develop technical competence, but also gives you an appreciation for the intrinsic beauty of the subject. His patient examples and built-in learning aids will help you build your mathematical confidence and achieve your goals in the course!

## Book Information

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## Customer Reviews

**About This Edition** James Stewart's calculus texts are widely renowned for their mathematical precision and accuracy, clarity of exposition, and outstanding examples and problem sets. Millions of students worldwide have explored calculus through Stewart's trademark style, while instructors have turned to his approach time and time again. In the Seventh Edition of Calculus, Stewart continues to set the standard for the course while adding carefully revised content. The patient explanations, superb exercises, focus on problem solving, and carefully graded problem sets that have made Stewart's texts best sellers continue to provide a strong foundation for the Seventh Edition. From the most unprepared student to the most mathematically gifted, Stewart's writing and presentation serve to enhance understanding and build confidence. **New Features** **Revised:** For this edition, chapters 1 and 2 have been combined--and some material has been moved to an appendix--to streamline the presentation of these early topics. **Revised:** Throughout the text, the

author has revised the narrative as necessary to improve clarity and aid in student comprehension. New: New examples, margin notes, applications, and projects have been added. New: This edition has been updated with approximately 25% more exercises than the previous edition, giving students more opportunities to practice concepts they have learned. New: "PS" icons denoting problem-solving margin notes are aimed at increasing instructors' awareness of this important aspect of Stewart's approach. Updated: Tools for Enriching Calculus--a free, online, interactive resource that allows Calculus students to work with animations that deepen their understanding of key concepts by helping them visualize the concepts they are learning--has been updated with new problems and a new Flash design that is more visually appealing and engaging to students. New: Collections of more challenging exercises called "Problems Plus" have been added to the end of every chapter. These sections reinforce concepts by requiring students to apply techniques from more than one chapter of the text, and by patiently showing them how to approach a challenging problem. See additional features of James Stewart's Calculus, Seventh Edition. Explore this title's supplements: Multivariable Calculus (Seventh Edition) Student Solutions Manual for Stewart's Multivariable Calculus (Seventh Edition) Student Solutions Manual for Stewart's Single Variable Calculus (Seventh Edition) Study Guide for Stewart's Multivariable Calculus (Seventh Edition) Study Guide for Stewart's Single Variable Calculus (Seventh Edition)

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 bestselling calculus textbook series published by Cengage, including CALCULUS, CALCULUS: EARLY TRANSCENDENTALS, and CALCULUS: CONCEPTS AND CONTEXTS, as well as a series of precalculus texts.

This book, at times is amazing and great, but at other times is terrible. Pros: Gives proofs on most of the theorems. Plenty amount of problems to work out, most of them pretty good ones. Cons: Too much stuff packed into one book, big and heavy with content most will never require and will probably never cover. Some of the sections have some of the worst examples I have ever seen in a textbook, covering only the basics and never explaining and covering some of the harder more complex problems that they give as problems to work in the book. I would enjoy if the book does explain some of the theorems or concepts in words instead of just giving mathematical proofs for

everything. Some of the problems given to do, were extremely complicated to the point that sometimes my math professor could not explain them (nor could others when I presented the problem to them).

Very well written. Along with the solutions manual its a great tool for teaching yourself calculus. Im about half way through with very little confusion. Book arrived in like new to new condition

If you are lucky enough to have a choice in text book, this is a mediocre option.

If you are new to Calculus then be ready to be confused. The book's texts are full of confusion, unclear, and very blurry explanations. I know that it is full of math notations but common please be more clear and give a more reasonable explanations on all of the sample problems. Some of the sample problems are not very clear and there are a lot of shortcuts where it left students with a lot of confusions, not only that there are times where there are problems that are so simple that the author makes it harder and again confused the students. A lot of the practice problems are not even covered in the sample problems! While reading this book, I felt like the author is trying to hide something. Perhaps he is trying to hide higher knowledge where he doesn't want people to fully understand the fundamental of Calculus and become smarter and be able to write a book in the future so he would have no competitors in the booking industry! Come on please, you want people to become smarter, more creative and make this world a better place than hiding the knowledge that were taught by the very smart people who created Calculus. Stop hiding something that is not even yours. I may be right or wrong but please spend more time of revising the whole book completely than just changing a couple words or problems and make it a new edition just to make money off students by dealing with school and forcing students to buy new books. You were once a student before too, you've been through it, and you should know how we are really feeling right now.

Was dirt cheap had all the necessary examples and formulae needed. Great as a reference for many other courses as well, differential geometry etc.

This book teaches calculus well, but many of the examples are confusing when reading without a teacher to help.

poor quality

Very reliable. Useful examples and helpful when I refer back for stuff I learned in calculus 1 to 3. Chapter 16 could use some improvement on explaining line integrals and green's theorem otherwise, this is a great book.

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