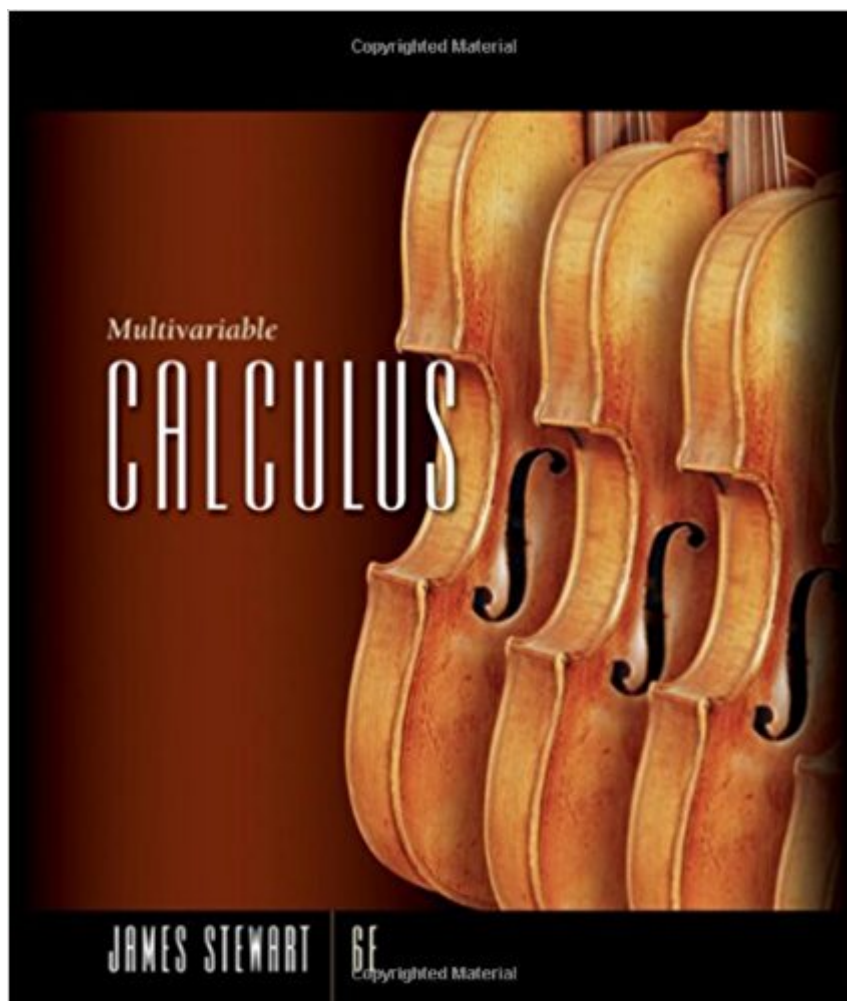


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# Multivariable Calculus (Available 2010 Titles Enhanced Web Assign)



## Synopsis

Success in your calculus course starts here! James Stewart's CALCULUS texts are world-wide best-sellers for a reason: they are clear, accurate, and filled with relevant, real-world examples. With CALCULUS, Sixth 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

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 review applies only to the hardcover book ISBN 978-0-538-49787-9. If I were able, I would have given this 4.5 stars just because there are a few sections here and there that are not, perhaps,

explained as well as they could be, but overall the quality of the book--it's writing, examples, and homework problems-- is excellent. Each chapter has a decent number of relevant examples and the selection and organization of homework problems does a good job of providing opportunities to practice the material. If you have not been a stellar math student or have not taken math for a long time, it would be a good idea to review chapter 10 on your own if your class is starting with a later chapter. Reading through the book's preface is a good idea as it has references to other resources. This book alone will not likely be enough to successfully master the material. Being competent with a graphing calculator is a big help with the material covered in this book. Most students will need the Slader solutions site or manual or the Stewart solutions manual unless they attend a college that has very robust tutoring assistance. This class covers a tremendous amount of material. If you have the opportunity to get the book and solutions manual ahead of time and work problems to review the following core areas: Chapters 10 (Parametric Equations and Polar Coordinates) 12 & 13 (Vectors and Vector Functions) before the class starts, so much the better. This textbook emphasizes the ability to solve many types of problems. Although some proofs are given in the chapters, my professor did not emphasize being able to do proofs. If you are taking a Calc III class that requires a lot of proofs, you may want to get another textbook that emphasizes that more. Overall, it was one of the best written math textbooks I have used. It also includes a lot of high quality illustrations.

I had not seen calculus in over 8 years. I took this course and the number of problems in this book was fantastic. The examples in each section are also very helpful. The pictures and graphs are usually pretty good too. I would say to watch youtube videos if you want to get the best lessons, and use the textbook problems for practice. There is no other way to succeed in calculus unless you do the problems. As many as possible. The book is what you make of it.

[Please note that this book is specially made for UC Berkeley use ONLY] The problems follow the college calculus material well, and even though some of the explanations and proofs may be found a bit lacking if one does self-study, this textbook is intended to be accompanied by lectures; in this capacity, Stewart does not disappoint. We used Stewart's other book, Early Transcendentals at my university (not UC Berkeley where I used this book for a summer course), and I can tell you that this book has the same quality level problem sets for you to practice with for both homework assignments and exam review. The problems are challenging and cohesive with the learning material, and really helps to give the student a firm grasp of single variable calculus. Please note again, though, that this would not be a good book for self-study because of some of the more

difficult concepts that are not explained to the full detail they should be. I would highly recommend purchasing this book on Amazon because it is substantially cheaper than a university bookstore, and please note that this is a paperback, which makes it very easy to transport. We college students already have way too many heavy textbooks to carry around, and it is a relief to be able to carry such a great textbook without too much strain. You really can't go wrong with a Stewart calculus textbook anyway, being renowned and popular as his textbooks are with university professors; this textbook is no exception! Please don't hesitate to leave a comment and ask questions if you'd like! I'd be more than happy to answer them.

This is a pretty good textbook, and I was able to follow the examples. This book was required for my class, and at first I was a little bit skeptical, because it is such a short textbook, but I still did well. The book does not go into great depth as far as some of the section examples, and sometimes some steps in the calculations are skipped in the examples, but overall I liked it and could follow the examples. I would recommend using the Stewart solutions manual with this textbook, and sometimes this book refers to the other Stewart Calculus book that includes Chapters 1-9, so if you already have those, that might be helpful. Also, if you have forgotten your trig identities, you should find a good website to reference, because I used those a lot to solve problems in this book.

This is a good calculus book for learning the math in depth. The practice problems were very helpful and the material was dense but well-explained. I used this for a 300-level college calculus course.

The textbook does its job and teaches calculus. I was able to follow what it was saying. Are there any errors? I don't know because I'm not a professional nor did I read the entire book and scan it for errors. Only reason I knocked a star off of this is that the appendix doesn't show how to solve the problems, they just give you the answer. Also, the questions you can check on their website only give hints and don't really explain how to solve the problems enough. That's just something I like to see, but other than that, it's fine with me.

Best math textbooks out there. Everything is clear- equations, examples, problems. There is a fantastic logical progression from one point to the next and the examples put everything together. I think you can actually learn the material directly from this book (and the other books by Stewart). And when you get to the problems you actually know what to do and where to look if you can't do it.

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