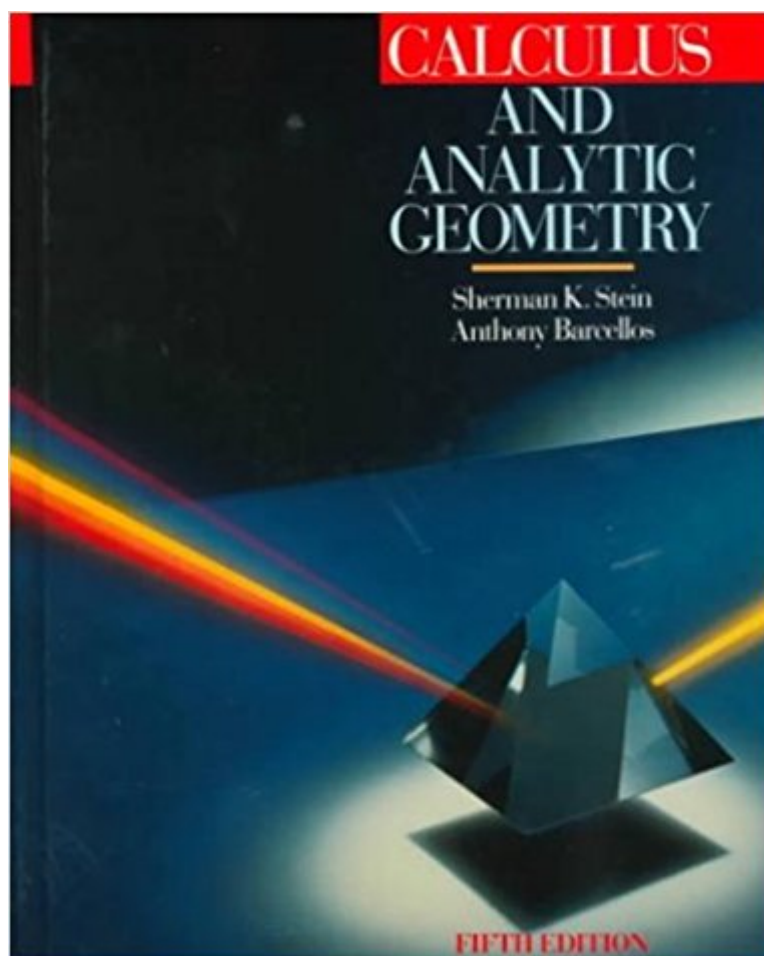The book was found

Calculus And Analytic Geometry, 5th Edition

Synopsis

A revision of McGraw-Hill's leading calculus text for the 3-semester sequence taken primarily by math, engineering, and science majors. The revision is substantial and has been influenced by students, instructors in physics, engineering, and mathematics, and participants in the national debate on the future of calculus. Revision focused on these key areas: Upgrading graphics and design, expanding range of problem sets, increasing motivation, strengthening multi-variable chapters, and building a stronger support package.

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Customer Reviews

This book is literally the best basic calculus text you can possibly get. Anyone wanting to start learning calculus NOW should get this. No real previous mathematical knowledge is necessary. There are several appendices on algebra and series etc. The book discusses trigonometry, so you can learn the book practically without knowing a thing. The "feeling" of the book is inexplicable. Reading this book really gave me an true understanding of basic calculus. Excellent for people like me who need proofs (especially visual ones) have a solid grasp on concepts. If your only goal in learning calculus is to do well on examinations, this book is definately not for you. You should get "Calculus for Dummies" or something like that. The great thing about the text is that it appeals to almost everyone. If there is a certain chapter you don't care for or doesn't matter to you, for example on methods of graphing, you can just skip it, and it will not do any harm. Highly intelligently organized. If you want some help in you physics class on basic vector algebra, just turn to chaper

18 and just read! This book is full of applications, which is great. It also has several historical notes. The colors make the book very engaging to read. Unless your colorblind, this will help engage your interest. Very adequate spacings on the paper as to keep you clearheaded and focused. The drawings rival those of Picasso. They show calculus to be a LIVELY subject. The examples (inside the chapters) are very helpfull. Stein offers several suggestions on how to solve certain problems. Its a shame; this book does not attract the amount of attention it deserves. I did get stuck a couple times; but that is inevitable. Definately get this one: its a gem to have.

This book is the best place to start to learn calculus. It starts from very basic principles and also contains some more advanced stuff like Stokes Theorem etc. Some readers may find that the book contains too many basic trivial explanations, but I see this as a strength. When you start learning calculus, I think it is a good idea to explain even the trivial, to make sure that you have a good understanding of really everything. I am sure that most readers will benifit from this, even those already having some more advanced math knowledge. Yes : even this latter group will appreciate the benifits of this book, they can always skip some explanations but will benifit from the very clear exposition of more advanced concepts like Stokes Theorem etc ... Myself for instance, I like the more rigorous and abstract math like "real mathematical analysis", but when I need to refresh some calculus and geometry techniques, this book is really the best to sharpen my intuition and understanding of calculus.Another excellent feature of the book : this book should serve as an example for the layout of math books : it contains a lot of spacing (handy to make personnal annotations), contains a lot of examples, and contains a lot of excellent pictures illustrating a concept... Also some nice anecdotes are added to keep the reader interested. I wish all math books were like this.If math is not your strongest skill and you need to learn some higher calculus this book will be your excellent companion helping you to gain the insight and intuition you need. If you are busy with more advanded and abstract math, this book also has something to offer to you : this book serves as a fallback point for sharpening your mathematical intuition and refreshing some concepts that you might have forgotten.

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