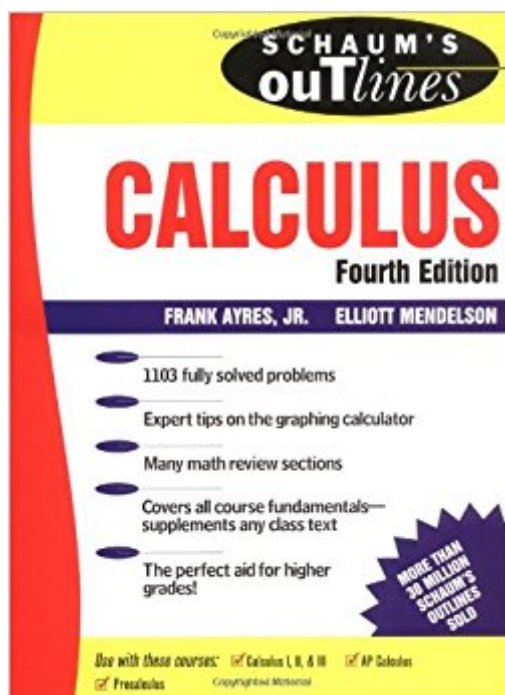The book was found

Schaum's Outline Of Calculus (Fourth Edition)

Synopsis

Students can gain a thorough understanding of differential and integral calculus with this powerful study tool. They'll also find the related analytic geometry much easier. The clear review of algebra and geometry in this edition will make calculus easier for students who wish to strengthen their knowledge in these areas. Updated to meet the emphasis in current courses, this new edition of a popular guideÃ Â-Ã Â---more than 104,000 copies were bought of the prior edition--Ã Â-Ã Â-includes problems and examples using graphing calculators.

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Customer Reviews

Students can gain a thorough understanding of differential and integral calculus with this powerful study tool. They'll also find the related analytic geometry much easier. The clear review of algebra and geometry in this edition will make calculus easier for students who wish to strengthen their knowledge in these areas. Updated to meet the emphasis in current courses, this new edition of a popular guideÃ Â-Ã Â-more than104,000 copies were bought of the prior edition!Ã Â-Ã Â-includes problems and examples using graphing calculators. Master calculus with Schaum'sÃ Â-Ã Â-the high-performance study guide. It will help you cut study time, hone problem-solving skills, and achieve your personal best on exams! Students love Schaum's Outlines because they produce results. Each year, hundreds of thousands of students improve their test scores and final grades with these indispensable study guides. Get the edge on your classmates. Use Schaum's! If you don't have a lot of time but want to excel in class, this book helps you: brush

up before tests; find answers fast; study quickly and more effectivley; get the big picture without spending hours poring over lengthy textbooks. Schaum's Outlines give you the information your teachers expect you to know in a handy and succinct formatÃ Â- Ã Â- without overwhelming you with unnecessary details. You get a complete overview of the subject. Plus, you get plenty of practice exercises to test your skill. Compatible with any classroom text, Schaum's let you study at your own pace and remind you of all the important facts you need to rememberÃ Â- Ã Â- fast! And Schaum's are so complete. Inside, you will find: 1103 problems, with step-by-step solutions New graphing calculator help, with practical problems Math review sections to help the under prepared Complete explanations of calculus concepts If you want top grades and thorough understanding of calculus, this powerful study tool is the best tutor you can have!

Frank Ayers, Ph.D., (deceased) was a professor and head of the department of mathematics at Dickinson College. Elliott Mendelson, Ph.D., (Roslyn, NY) is a professor of mathematics at Queens College.

I first got acquainted with this particular Schaum's outline when I was a senior in high school back in 1975. It was an essential companion through my senior year and through all three semesters of calculus in college. Through its various revisions it has been one of the more valuable Schaum's outlines I have ever encountered, and I would highly recommend it to any calculus student whether you are doing fine with the material or not. If you are struggling, it acts as a study guide with clear explanations, examples, and figures. If you are OK with the material, it supplies plenty of interesting practice problems to prepare you for exams. If your precalculus is weak, the first eight chapters of the book act as an excellent mini review of that material. Chapters nine through 57 take you through the material you will find in a complete sequence of courses on calculus. Chapters 58 and 59 are additional material. Chapter 58 is a sort of applications chapter on masses of variable density, and chapter 59 is a very brief introduction to ordinary differential equations, which would be your next step past calculus in your journey in applied undergraduate mathematics. The only negative I can really speak of is that Chapter 53, on vector differentiation and integration, seems out of place in the book. There is just enough information presented to confuse the average reader. If you are interested in vector calculus, there is an entire excellent Schaum's outline dedicated to that one subject, and I suggest you not read Chapter 53 of this book and purchase the Schaum's outline of Vector Analysis, which goes into suitable detail on the subject. Another tip- after you pass calculus and even after you graduate keep this book around, particularly if you are an engineer. You will find

yourself looking up concepts you have forgotten for years to come.

This outline will work best for those looking for a concise supplement to their course text. The strength of this outline is in the solved problems. The weakness is in the explanation of concepts. As advertised, the book contains over 1100 fully worked problems. These problems are indeed fully worked and looking over them can be of tremendous value if you are struggling with solving particular problems in your class. If you are having a tough time with the concepts rather than the problems of calculus I would not recommend this book. The explanations are kept to a bare minimum and tough topics like delta-epsilon proofs and Reimann Integrals are not explained in detail. For instance, this book will not try to justify why you can set delta equal to epsilon to complete your limit proof, it just tells you to do it (which is exactly what you need to do to solve the problem). In other words, this book will help you solve the problems you need to solve in order to pass your exams, but it will not necessarily help you understand why those solutions work. So please do not buy this thinking it will have fuller conceptual explanations. Its strength is in its fully solved problems.

I was recommended to buy this book by a math tutor from my college. He said many students who used this book properly aced emams, so I bought it a couple of months ago. I found it was a wonderful supplemental book for studying calculus. There are plenty of examples for you to work on, covering materials from the fundamentals of calculus to more advanced, intro to vector calculus. It is of great importance to practice in order to master the subject of calculus. Therefore, if you are looking for any supplemental exercises to play with, just go for it, Schaum's Outline of Calculus!

If you are beginning to learn calculus, or are re-learning this book is essential. I have bought a few of the Schaum's series (Statistics and Econometrics, Probability and Statistics). They are all excellent, but so far this seems like one of the most concise no-nonsense learning experiences.This is a must have for anyone trying to step through the basics of calc and build up to the more advanced books. 5 of 5.

It is a great book, I could understand the calculus much easier thanks to it. All books of Schaum's serie are the best way to learn advanced mathematics.

I tutor for a living and this book is an awesome tool to have!!

good

I am currently a 2nd year graduate student, studying mathematics. With all the new topics and subjects I am learning, I have found that there is a Schaum's Outline for every subject. I purchase as many of them as I can find, and they have always helped me. I love the large sections of practice problems, as well.

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