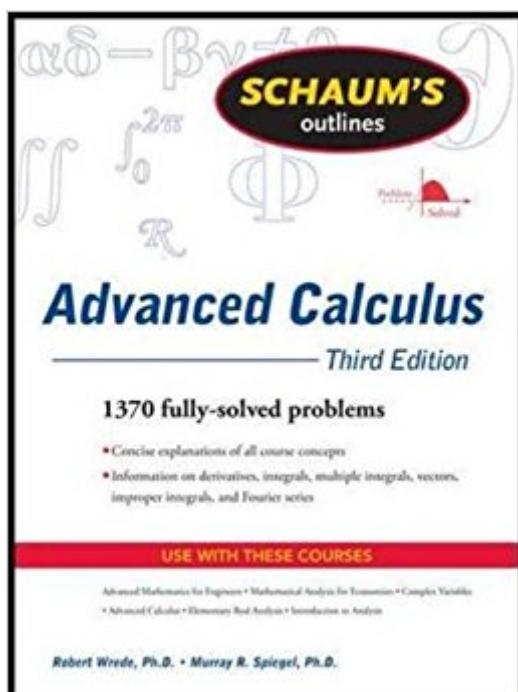


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# Schaum's Outline Of Advanced Calculus, Third Edition (Schaum's Outlines)



## Synopsis

Tough Test Questions? Missed Lectures? Not Enough Time? Fortunately for you, there's Schaum's. More than 40 million students have trusted Schaum's to help them succeed in the classroom and on exams. Schaum's is the key to faster learning and higher grades in every subject. Each Outline presents all the essential course information in an easy-to-follow, topic-by-topic format. You also get hundreds of examples, solved problems, and practice exercises to test your skills. This Schaum's Outline gives you 1,370 fully solved problems Complete review of all course fundamentals Clear, concise explanations of all Advanced Calculus concepts Fully compatible with your classroom text, Schaum's highlights all the important facts you need to know. Use Schaum's to shorten your study time--and get your best test scores! Topics include: Numbers; Sequences; Functions, Limits, and Continuity; Derivatives; Integrals; Partial Derivatives; Vectors; Applications of Partial Derivatives; Multiple Integrals; Line Integrals, Surface Integrals, and Integral Theorems; Infinite Series; Improper Integrals; Fourier Series; Fourier Integrals; Gamma and Beta Functions; and Functions of a Complex Variable Schaum's Outlines--Problem Solved.

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## Customer Reviews

Robert Wrede received his B.S. and M.A. degrees from Miami University, Oxford, Ohio. After teaching there for a year, he attended Indiana University and was awarded a Ph.D. in mathematics.

He taught at San Jose State University from 1955 to 1994. He also consulted at IBM, the Naval Radiation Laboratory at Hunter's Point, and with several textbook companies. His primary interests have been in tensor analysis and relativity theory. The late Murray R. Spiegel received the M.S. degree in Physics and the Ph.D. in Mathematics from Cornell University. He had positions at Harvard University, Columbia University, Oak Ridge, and Rensselaer Polytechnic Institute, and served as a mathematical consultant at several large companies. His last position was as a professor and chairman of Mathematics at the Rensselaer Polytechnic Institute, Hartford Graduate Center. He was interested in most branches of mathematics, especially those which involve applications to physics and engineering problems. He was the author of numerous journal articles and 14 books on various topics in mathematics.

Well written book; however this book needs the user to require a very good maths foundation and a proper instructor. Not a book for self learning, thus I give it a 4 star ratings

Even after twenty years apart, I've never forgotten this book. It simply feels great to find a newer edition after all this time. Its enduring survival is a testimony of its value.

If you wanna be masters in any specific course that is listed in Schaum's Outline just by these books. Containing a lots of numerical and solved problems make this series best.

For half a century I come back to this book, in different forms, like kindle, to reactualise my calculation means...thanks for this great achievement...

A nice summary of all the important results of Calculus with good set of exercise. But there is simply too many typos. Cannot imagine a book with this many typos can be sold. If you write an errata for this book that will be another book. So this book is not suitable for first time learners. If you know the stuff already and have the tolerance for typos then this would be a good summary of all the important results.

I bought this book to supplement my college course but found it to be so laden with typos and editing errors that I had to return it. Instead of clearing up the topics for you it works to further convolute them. As the other reviewers have already pointed out that this book isn't for any one who is coming across the course for the first time. I would second that.

A fine college level calculus supplementary book at bargain price.

This book is definitely advanced. I found that it has quite a bit of analysis in it, as in formal "Math Analysis", which is college course in and of itself. With that said, the book has, perhaps, a larger scope than might be necessary to convey the important topics of single and multivariable calculus. I guess that's why it's called advanced, and not multivariable. I also found that the book filled in some gaps and gave different insights from the single and multivariable calculus college courses I took. This book is well worth the money, and the time to work through it. The book gets four stars for two reasons: 1) I reserve 5 for exceptional quality. I'm a tough grader. 2) There is no online errata that I'm aware of. And there are a few errors in the book.

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