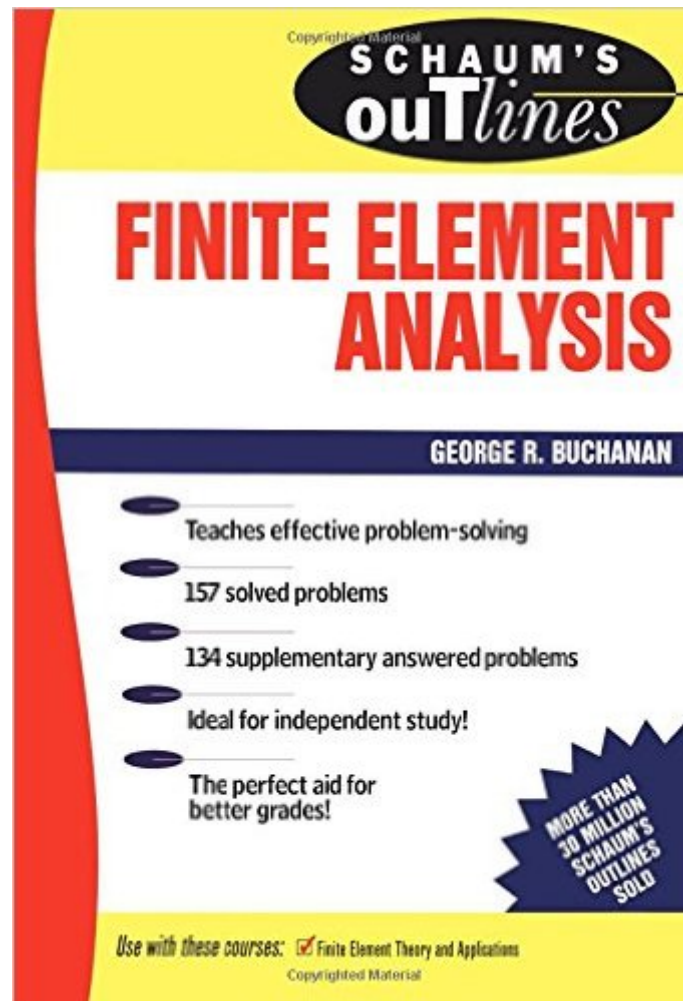


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# Schaum's Outline Of Finite Element Analysis



## Synopsis

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## Book Information

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## Customer Reviews

Schaum's Outline on Finite Element Analysis was a valuable and important source at the time it was first published in 1995. However, in the intervening 11 years, this field has advanced rapidly, and the material in Professor Buchanan's otherwise excellent outline is now seriously dated. The outline is still useful for some purposes, but anyone who is looking for a brief introduction and overview of FEA as it is done today will be disappointed or even misled if they depend only on this outline. On the other hand, the outline does provide a number of useful supplementary problems that may help

students who are learning to employ modern FEA software and need to build their understanding of the fundamental ideas behind these methods.

This book is excellent for beginners! It covers a lot of worked out examples, which helps to understand the subject properly. I recommend that you use this book along with another book, which covers mainly theory parts finite elements. Like most books of Schaum series, it has been written in a user-friendly manner! This is probably the only book that can make you to feel that learning finite element can be fun!

This book covers a lot of ground very concisely, using the problems to cover a lot of topics. The information is good, the presentation is good, but I have found at least a dozen typographical errors, and these are just the obvious ones. I am using this in an advanced course along with the text by Bathe. It's too bad that someone was too busy to proofread the text, as this is the only outline book for finite elements that I could find.

This book has an unbelievable amount of errors that will severely frustrate anyone who needs to know anything about FEA or has taken even an undergraduate class in linear algebra. I wouldn't waste my money on this even as a supplement for a textbook. The only reason I purchased this was because it was the only required text book for a class in FEA. Halfway through the class I purchased a real text book and realized that Schaum's takes some fairly easy topics and makes them complicated and throws in a good amount of mathematical errors just in case you were actually understanding the material.

This book is good. I found many examples. I used this book with "An introduction to the Finite Element Method" J. N. Reddy.

Worthless. My class used Reddy's latest FEA book, and the teacher was pretty good with his supplemental notes - meaning they went well with Reddy's book. This book is outdated. I couldn't use to help with any of the hw problems. My advice is to "Search Inside", look at it with Google Books, or better yet find one at a bookstore somewhere and compare to your class text before buying. I've used a few Schaum's before and this is by far the worst (least helpful).

These books have been used (as long as I remember) for practicing problem solutions. Sometimes,

the content is lacking, either in quantity or quality. This version has OK content. However, the paper has such poor quality that making notes in the margins is impossible. The quality goes for both the paper thickness and the acid content. I suppose these are not intended to be keepers? Just one-use items?

I have often noticed that examples and working your way through a concept helps in the long run and that is where this book comes in handy.... I think it is a must have for all people self-reading FEM. I love the chapter on Gauss Quadrature.... that is what I needed some examples before I code the FEM on my own.

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