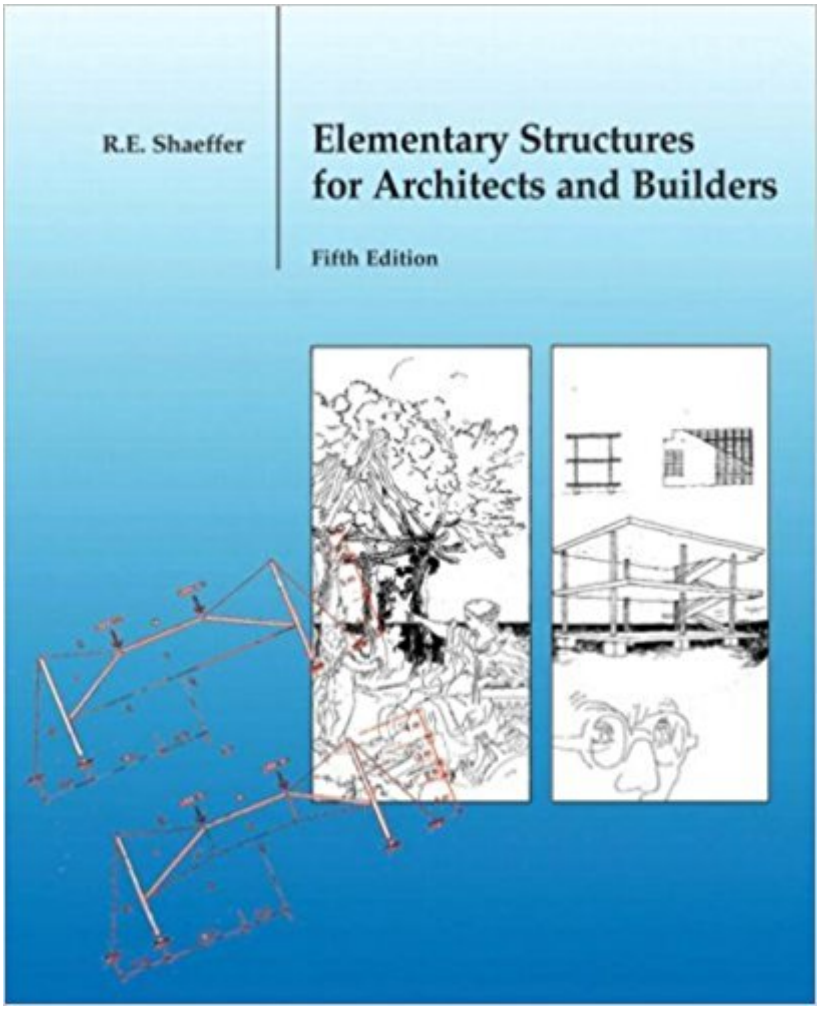
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Elementary Structures For Architects And Builders (5th Edition)



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Synopsis

Provides an introduction to building structures and materials, treats the essential topics in statics and mechanics of materials and provides an introduction to structural analysis and design.Ã Â Graphics statics treatment expanded including the graphical analysis of simple trusses and relatively complicated cable structures; structural behavior treatment expanded including structural system selection and step-by-step, thoroughly worked out examples.Ã Â Ã Â It is aimed at the practicing architect and those who will be working with him or her.

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Customer Reviews

Schaeffer provides background material on the use of structural analysis in building design as well as the basic relationships between structures and architectural form. Principles, concepts, and procedures from statics and mechanics of materials are presented at a level that can be easily understood by beginners. --This text refers to an out of print or unavailable edition of this title.

Provides an introduction to building structures and materials, treats the essential topics in statics and mechanics of materials and provides an introduction to structural analysis and design.Ã Â Graphics statics treatment expanded including the graphical analysis of simple trusses and relatively complicated cable structures; structural behavior treatment expanded including structural system selection and step-by-step, thoroughly worked out examples.Ã Â Ã Â It is aimed

at the practicing architect and those who will be working with him or her.

The Drawings aren’t to scale, examples are confusing, the author skips steps and takes shortcuts , and then the steps he does take he doesn’t explain "why" the steps are taken. In my opinion, much of statics should be taught in the same way that geometry proofs were taught. While it may be redundant going over the logic behind each step over and over again, it reinforces the methodical employment of concepts necessary to solve the problems. But my biggest gripe with this text book is the writing style. He seems to think that describing an equation or graph is explaining it.:

Had this book for a Construction Management course. The book does a poor job at explaining concepts. The examples in the book are often very hard to follow. I would not recommend this book to anyone not already familiar with engineering concepts. The book was the required text for my course, which turned out to be pretty painful, mostly because the text was so hard to follow. Most students in the course had to rely on YouTube videos to explain the concepts presented in the text.

The book is cheaply made. The content is lacking explaination on the problems.

Over all, this book did its job explaining different concepts of Structures. Was it all very clear and helpful? Not always. Then again, it is a tough subject. Like mentioned in the other review, some of the answers in the back were wrong so it made it even more confusing.

It is a very good book! It is easy to understand and has many practice problems.

Sometimes the answers in the back of the book are wrong. Makes you double check. Overall good and standard book. Nice blurbs on real architects and buildings used.

excelent! like new

it’s okay....

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