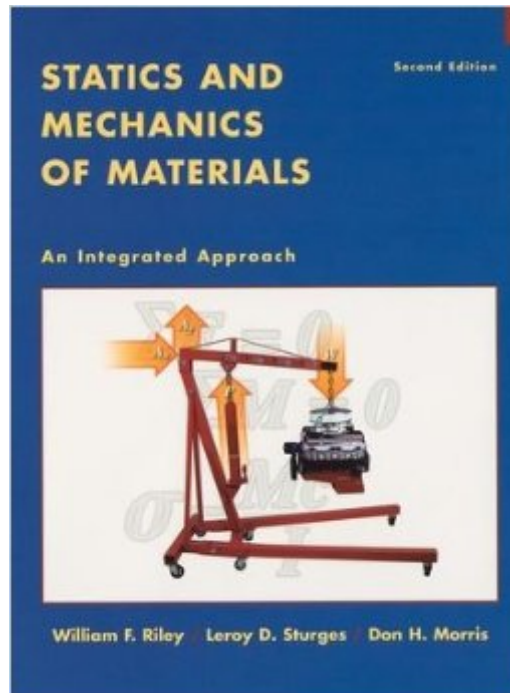


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# Statics And Mechanics Of Materials: An Integrated Approach



## Synopsis

\* Use of Free-Body Diagrams. Authors, Riley, Sturges and Morris, feel that a proper free-body diagram is very important in all mechanics courses. Whenever an equation of equilibrium is written, a complete, proper free-body diagram accompanies it. \* Problem Solving Procedures. Statics and Mechanics of Materials: An Integrated Approach provides students with an effective methodology for problem decomposition and solution, the ability to present results in a clear, and logical manner is emphasized throughout the text. \* Homework Problems. Over 1100 homework problems allow for varied problem assignments. Each set of problems represents a range of difficulty and is grouped according to this range of difficulty. \* SI vs. U.S. Customary Units are used in equal proportions in the text for both example and homework problems.

## Book Information

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## Customer Reviews

I really tried to follow this book, but I had a hard time keeping up with the poorly written text and mediocre examples. There are lots of good, well-written problems, but no way to see them solved out step by step. The back contains some answers to random questions, but I was really expecting more out of it. There is no online site for students to accompany the text, and I really just could not wrap my head around the material as a beginning engineering student. Maybe this text would be preferable for someone with a background in statics or a foundation in the material already. If this is a required text for your class, I might consider some other supplementary material...

Probably the best textbook for mechanics of materials for the most intuitive learning experience. I love how especially the book continuously uses plots to make it easy to verify equations and how values make sense intuitively. The most important aspect of this text that differs from other mechanics of materials texts is how gritty the text is about the content; the text goes straight into the important content (cuts out all extra details) and following very broad examples that are absolutely nontrivial. In the photos attached, you'll see the example I'm using.

One of the better textbooks from my semester...good, worked-out examples, and plenty of practice problems to help to prepare yourself for exams!

The book came in great condition, and it shipped very fast. I'm absolutely pleased with this transaction. Thank you :)

Worth buying/renting for the examples. Works great as a reference for an engineering student.

Fast shipping. Great product. Great price

At the bookstore on campus, I bought this book for about 120\$. Buying it online only cost me 40\$, which is the best deal I've ever gotten with anything. The book came in really nice condition, basically brand-new and took about 2 weeks to actually arrive at my doorstep. That's a little longer than I would have hoped, but I was still able to sell my bookstore statics book back to the college for a full refund so no real problem. For a third of the price this is a deal that can't be passed up.

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