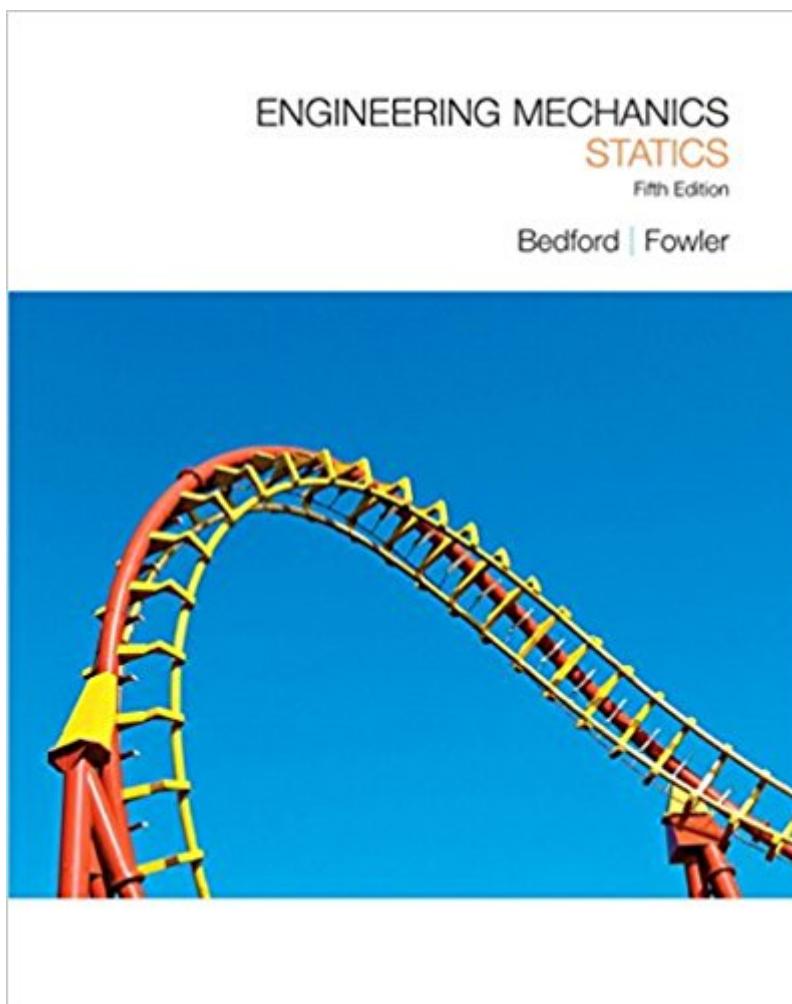


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Engineering Mechanics: Statics (5th Edition)



Synopsis

This textbook is designed for introductory statics courses found in mechanical engineering, civil engineering, aeronautical engineering, and engineering mechanics departments. It better enables students to learn challenging material through effective, efficient examples and explanations.

Book Information

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Customer Reviews

I notice many reviews complaining that this text doesn't have enough information to help you through the many many problems that it contains. While I agree with this statement, this book works on a completely new level, perhaps to the authors intention. First off, it's Statics, so the entire course will be about solving problems engineers often find themselves. This isn't so much a book cluttered with a thousand pages of mostly useless information, it tells you what you need to get started and then expects you to solve the problems logically. My advise to anyone purchasing this book, read the chapters before the classes, they are short and won't take much time. The instructor I had using this book used the lecture time to work out in class assignments via the problems after each section, and then assigned homework to reaffirm what we have learned. The book works better as a workbook than a textbook, it expects that by this point you have taken enough Calculus, Physics, and Chemistry to understand what they're talking about.

I liked the problems being worked out in the book. First physics course I have taken out of six courses that was practical. If you take a dynamics course, which comes after statics, you will see

Statics type problems and Free Body diagrams again, but the math will be more complex.

There problems in the book and you have no idea about and spend many hours wondering why a problem was solved that way when in fact it was wrong and you just wasted all your time on that one dumb problem.

This is easily one of the worst textbooks I have ever come across. I hate to be honest about it, but statics is a hard subject to learn/teach. The sample problems are far too simple to be useful in figuring out how to do problems at the end of the chapters. My instructor isn't too bad. I feel like I understand most things in lecture, but I get stuck almost immediately when I sit down to do problems from this book. I feel the chapters do not present enough information to do the problems at the end of the chapters. I dislike this book. I strongly recommend you not buy this book. There is also no student's solutions manual for it. The book itself is very unhelpful. It is also way too expensive and really isn't worth the money. I think the least they could have done was come up with a student's solutions manual to help students understand the steps when they get stuck on a problem. I guess the publishers just don't care enough.

Good book. Goes over all of the basics of statics and was easy to understand. The answers in the back of the book are sometime wrong though.

Book game with excellent quality and that's where the good news ends. This book is easily one of the worst I've had yet for any subject. Usually in math extensive classes they go through all of the theory and practical applications of the theory. This book explains theory and gives maybe one or two EASY examples by which you can apply to maybe 10% of the problems in the book, the rest you are on your own. Doesn't help that my teacher is not good either. He's a nice guy but he's not a good teacher. Anytime someone asks a question he immediately says that all the problems in the book are the same. The solutions guide is partial doesn't help much if you aren't assigned those particular problems. This is a very conceptual book and subject and not about the 'practice' of the math rather than the 'application' of it. Unfortunately for us students we have to purchase any book which is required by the teacher. Good luck in your course. This stuff isn't easy. Hopefully you will get a teacher that is merciful.

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