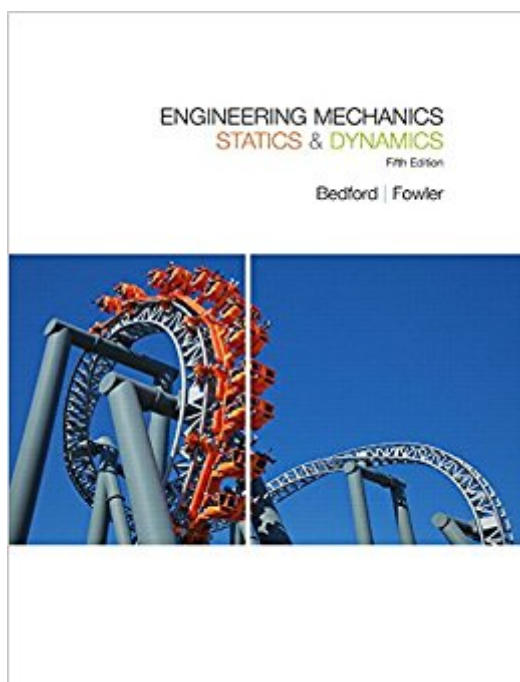


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Engineering Mechanics: Statics & Dynamics (5th Edition)



Synopsis

While covering the basic principles of mechanics in an example-driven format, this innovative book emphasizes critical thinking by presenting the reader with engineering situations. Compelling photorealistic art, and a robust photograph program helps readers to connect visually to the topics discussed. Features strong coverage of FBDs and important ABET topics. For professionals in mechanical, civil, aeronautical, or engineering mechanics fields.

Book Information

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Customer Reviews

Changing from 4 to 1:Chapter 13 and 14 are essential for this topic, however, the book has little explanation of the idea. To make the situation worse, there are few example questions, and those are not related to the practice problems later on. Prepare the need of many other resources if you have this book. I don't recommend having this book if you are on your own. Find another one!--- SEP 7, 2016 ---The book has lots of diagrams in color, and explains the concept and major principles in Dynamics in a concise and well-organized way (as told by my professor). However, it has only a few working examples for each chapter, (usually 1-2) which is not enough. It is a bit expensive for this book, as it was written in 2007 (And no updated version as of today). It starts with Chapter 12, to 21, (Chapter 1-11 is in Statics book)I ordered the hard covered book, which comes rigid, like new conditions. As this is used book, don't expect to come with a MasteringEngineering Code, you can buy one at \$60.95 on Pearson's website.

As an introduction, I am an undergraduate Engineering student, and used this text in a 200-level Statics of Solids course. The authors evidently attempted to innovate statics texts by relying on examples and exercises to comprise a bulk of the learning process. However, it seems that they took this theme a bit to far. There is no effective narrative in the text, and numerous vital details are omitted, with students left to their own devices to glean them from the examples. The example solutions skip steps haphazardly and are difficult for even high-achieving students to follow. Worse yet, several standard formulae, which are crucial for a bulk of the exercises, are relegated to an appendix which is rarely mentioned. The authors note that some basic calculus is required for the course, which is true. However, their handling of it is one of the text's (many) low points.

Descriptions of formulae and their purpose are lacking at best, and variables are inconsistent even within the same chapter. Overall, using this text was not a pleasant experience, and I would not recommend it to anybody, unless they were looking for a book of exercises. Even in that category, there are far better (and less costly) options on the market. The bundled "Study Guide" authored by Mr. Schiavone, was of little utility. My instructor suggested that we purchase it, and it did provide a serviceable review of basic concepts. Its extended review of free body diagrams was limited to the most basic of items and conventions, but could be useful in a course where the instructor neglects this area. Otherwise, the chapter reviews offered minimal, if any, problem-solving support, and thus the use of this supplement as a study guide was minimal. I guess for a student who understood the methods but not representation it could be helpful. Overall, I would not recommend the supplement either.

A++

Used it for a class. Had plenty of examples and problems.

This book is not very easy to follow. The Hibbeler book is much better.

it's a text book. buy it. use it. resell it.

The book arrived in poor quality. It's about to fall apart. I am not satisfied with my book rental.

Very good !

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