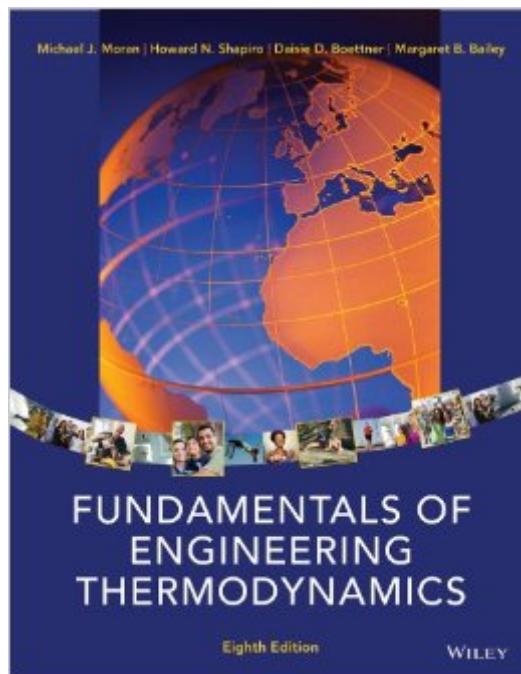


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Fundamentals Of Engineering Thermodynamics



Synopsis

Fundamentals of Engineering Thermodynamics, 8th Edition by Moran, Shapiro, Boettner and Bailey continues its tradition of setting the standard for teaching students how to be effective problem solvers. Now in its eighth edition, this market-leading text emphasizes the authors collective teaching expertise as well as the signature methodologies that have taught entire generations of engineers worldwide. Integrated throughout the text are real-world applications that emphasize the relevance of thermodynamics principles to some of the most critical problems and issues of today, including a wealth of coverage of topics related to energy and the environment, biomedical/bioengineering, and emerging technologies.

Book Information

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Customer Reviews

Used it for a class at school last winter. I found the explanations pretty easy to understand and the examples helpful. For the most part the writing style isn't incredibly exciting or anything, but I don't require that from my textbooks. Sometimes I still reference it for other classes or personal projects when I need some sort of refresher.

Compared to the 7th edition, there isn't much added content and the practice questions were all the same but jumbled. If I didn't need to submit specific questions for homework assignments then I wouldn't have bought the book.

I feel like I'm hunting for an equation with a specific number to get correct down to four decimal

places or else the professor will give me crap. The solutions aren't very detailed. I got the kindle version and the software frustrated me while the homework frustrated me more. Let's see if a wealthy company full of bright minds can refine the software and get me a better cross between a book and a search engine.

You might think its not a big issue but when you notice how much you pay for this book and no color included other than the front and back covers, it's a complete rip off! It also makes the book a bit dull and boring to read. What a shame. Main colors i noticed were orange, black, and white! FOR WILEY: your way of denoting velocity on three different books are different and is really annoying. Dynamics (T, well technically change for KE), fluids (u), and this book (v). What the heck.. If it wasnt for this issues this book would've gotten a five star rating. Good book, explained content nicely.

This book is well written. I really enjoy the very thorough examples given through every chapter of the book, as they are easy to follow and understand. The homework problems are numerous and very clear in their instructions. This book has definitely helped my learning of the material as I follow along with my professor. Also, the book contains numerous tables and graphs in the back of the book which are very handy while studying the subject and are easy to follow and understand.

Example problems in the book can take up several pages showing the majority of steps needed, and can be easily be applied to homework problems in the chapter. Easy read and understandable.

Very well written; many worked through examples that are clear to follow. My only gripe are the units (1/3 to 1/2 of the problems use English units but there are worse things that could happen in a book (see my review of a fluids book as an example for a bad book)).

One if not the best book I've had to get for engineering school. The only chapter I had to read was chapter 5, because that chapter is around 100% pure concept. The others are just problem solving. You have definite equations and all you need to know is what a problem gives you and what it doesn't give you. Thermodynamics was not a hard course. This book made these class pretty straight forward. Great concept questions. But it's been a year and I already forgot everything lol

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