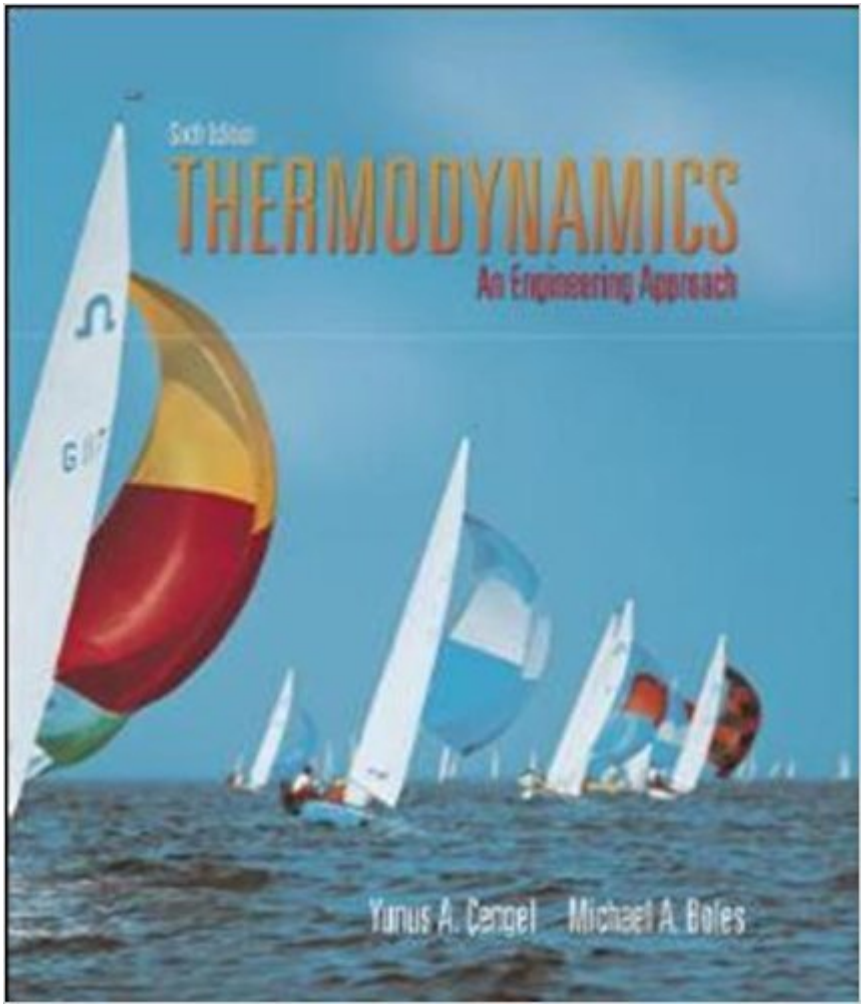
Thermodynamics: An Engineering Approach With Student Resource DVD



Synopsis

The worldwide bestseller Thermodynamics: An Engineering Approach brings further refinement to an approach that emphasizes a physical understanding of the fundamental concepts of thermodynamics. The authors offer an engineering textbook that "talks directly to tomorrow's engineers in a simple yet precise manner, that encourages creative thinking, and is read by the students with interest and enthusiasm". Over 500 new or revised homework problems have been added to this 6/e. The media package for this text is extensive, giving users a large variety of supplemental resources to choose from. A Student Resources DVD is packaged with each new copy of the text and contains the popular Engineering Equation Solver (EES) software, Physical Experiments, and an Interactive Thermodynamics tutorial. McGraw-Hill's new Assessment, Review, and Instruction System (ARIS) is available to students and instructors. ARIS is a complete, online tutorial, electronic homework, and course management system designed for greater ease of use than other systems. ARIS offers 1000 algorithmic problems, which will help curb the problem of having homework solutions circulating around campus. ARIS access for instructors is free with the adoption of the text, and students can buy access through the bookstore or from the ARIS website.

Book Information

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Customer Reviews

Yunus A. Ãƒâ ¡engel (Turkey) is Professor Emeritus of Mechanical Engineering at the University of Nevada, Reno.Michael Boles (Raleigh, NC) is Professor of Mechanical Engineering at the North Carolina State University.

Good introductory text into thermodynamics for undergraduate students. Lots of example problems in the text, good mixture of sample problems and the authors do a good job explaining the topics.

This wasn't a very good textbook. It doesn't explain anywhere near enough information to do most of the problems. A lot of the problems at the end of the chapter go beyond the scope of the textbook and require prior knowledge in Thermodynamics or supplemental textbooks/resources. The explanations are very abstract. It's like a single page of explanations followed by 20 problems at the end of the chapter for that particular section (problems are listed under the heading that corresponds with that particular section in the chapter). Some of the examples do help, but there doesn't seem to be enough. I think the authors of this textbook assume too much out of the student and expect you to already know everything out of thin-air. They also seem to think you can figure out every problem from reading definitions and looking at diagrams. I did like with the example problems how they explained most of the steps. Overall, I didn't think the textbook provided sufficient information to get through a lot of problems. This is definitely a bad choice if you are looking to self-teach yourself Thermodynamics.

Really good book. I am a senior Mechanical Engineering student, and I did not buy the book when I took thermodynamics I & II, instead I rented it. Now that I am working on harder and more in-depth stuff like senior project, internships, and projects for upper level classes I realized that I actually needed it in order to go back and check, or re-read a few chapters, so I bought it.

The book arrived on time and seller shipped quickly,Now for the book. Cengel has been a recommended book and its probably one of the simpler books to start of thermodynamics with

This is an amazing textbook. If you read through the entire chapter and work through all the examples given, all while paying attention to it (which really is the key to learning anything from any textbook), you will have absolutely no problems with learning the material and the problems given in the back of the book will be a breeze. Reading this textbook has helped me much more than going to the actual lectures. My only grievance against it is that there aren't solutions to all the problems. For the cost of the book they should all be included. Overall this textbook is fantastic.

Book came in as expected, with minor, inconsequential wear. A few marks in the book. No big

deal.Exactly as would be expected.

I’m still new to the book, but it is a college textbook. We all know that the rating of the book isn’t too important because you have to get it anyway. I do like the book however. The tables are very useful in the back of the book, and I like the fact that the answers to select problems are listed right under the question.I took Fluid Mechanics last semester and the book layout was identical. I really like that layout, so I am sure this one will be fine.

This textbook is one of the few I actually read entirely through. The example problems are very helpful, and it is written in such a way that makes the difficult subject of thermodynamics seem much easier.I only wish it came with some more answers in the back of the book so when doing problems you can check if you’re getting them right. I highly recommend this title!