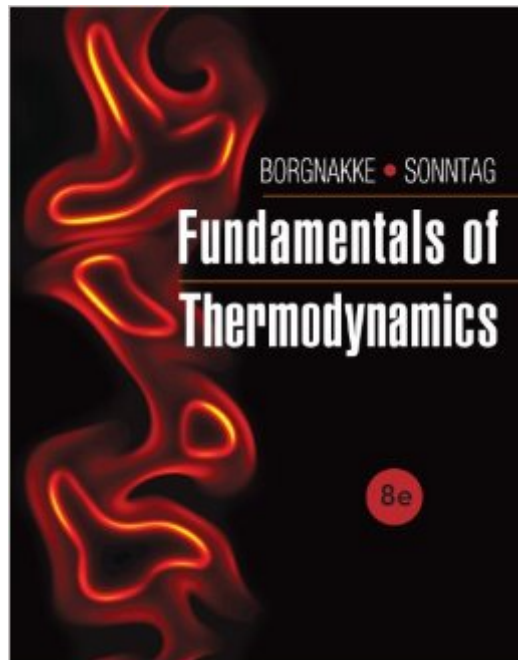


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# Fundamentals Of Thermodynamics, 8th Edition



## Synopsis

Now in its eighth edition, Fundamentals of Thermodynamics continues to offer a comprehensive and rigorous treatment of classical thermodynamics, while retaining an engineering perspective. With concise, applications-oriented discussion of topics and self-test problems the text encourages students to monitor their own comprehension. The eighth edition is updated with additional examples and end-of-chapter problems to increase student understanding. In addition, front-end Learning Objectives have been added. The text lays the groundwork for subsequent studies in fields such as fluid mechanics, heat transfer and statistical thermodynamics, and prepares students to effectively apply thermodynamics in the practice of engineering.

## Book Information

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## Customer Reviews

This book was for a Mechanical Engineering Thermodynamics course, while the information is great there are few examples on some key concepts. A lot of the answers in the appendix are incorrect and I was forced to get a supplemental book to help explain and work through a few of the concepts. As an overview this is a great textbook to get into the weeds especially when dealing with

complex Second law analysis a supplemental guide is needed.

This subject is one of the best subjects i have taken as a mechanical engineering major. Super fun subject. The reason i am giving it a 3 star is because it is a little confusing. They word things and do things in the examples that kinda throw you off. The reason why i understood what it was saying is because i had a really good teacher.

This book really isn't great. The text itself is decent, the notation is good and consistent, the examples are not fantastic, and the biggest issue for me is that there were issues with many of the problems. The problems would be written one way and an accompanying diagram would completely disagree with the problem statement, leading to immediate confusion on an already challenging topic. I ended up purchasing a supplemental text, "Schaum's Outlines" version of "Thermodynamics for Engineers" and used that over my textbook...The only thing I ended up needing this book for was the homework problems.

This is an excellent book and helped my in class. The tables in the back are laid out a little weird but most of the information is there. Some instructions on how to used the charts in Appendix D would have been helpful.

The supplier did an excellent job shipping this book. The textbook however was only decent. The way the theory is present isn't the easiest to follow in my opinion. Examples sometimes had flaws or had gaps in logic. I did well in the class between using this book, lecture notes, and other online resources. If the only reason you're interested in buying this is for the tables in the back, just look elsewhere online.

I do not know if I was just unlucky and got a faulty book, or if this is for all of them, but we are going over chapter 5 and every question I have done so far has had the incorrect answer in the back of the book. My friend has the 7th edition and the questions have different values in them, but in my 8th edition they printed the answers from the 7th edition in the back. It is very annoying when I am trying to do the problems and have no idea if my answers are correct or not.

This textbook gets the point across. Many mathematical errors and typos throughout. Some of the answers in the back of book are incorrect. I double checked this with several professors and TA's

and they have informed the publisher. Only get if required to by your professor.

I was tortured by this book as an undergrad don't buy it. Buy any of the following: Moran, Cengel, Wong, Paulsen

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