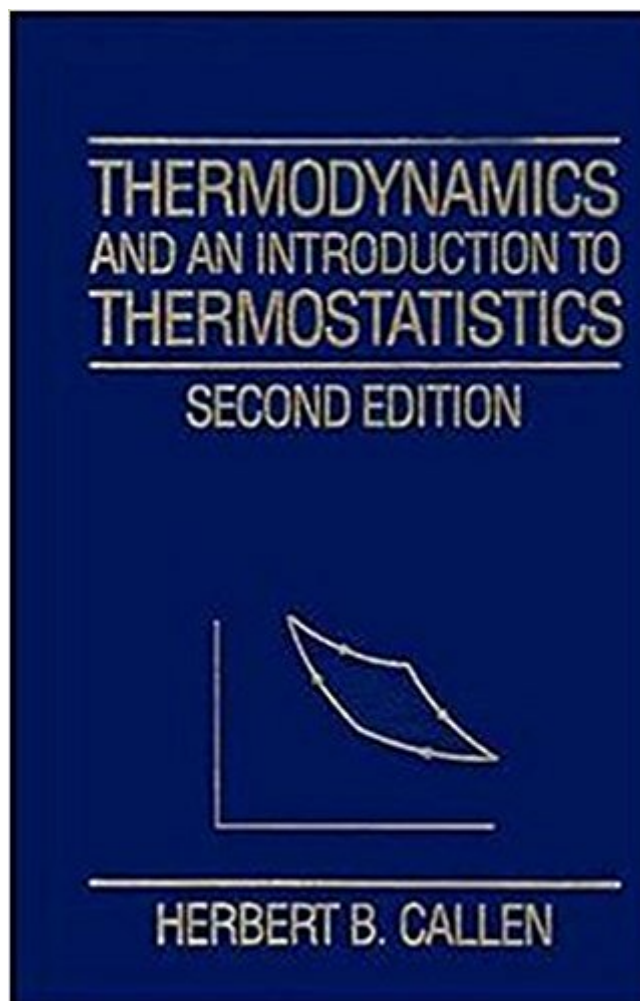


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Thermodynamics And An Introduction To Thermostatistics



Synopsis

The only text to cover both thermodynamic and statistical mechanics--allowing students to fully master thermodynamics at the macroscopic level. Presents essential ideas on critical phenomena developed over the last decade in simple, qualitative terms. This new edition maintains the simple structure of the first and puts new emphasis on pedagogical considerations. Thermostatistics is incorporated into the text without eclipsing macroscopic thermodynamics, and is integrated into the conceptual framework of physical theory.

Book Information

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Customer Reviews

This is one of the best books for introductory thermodynamics. It was one of the textbooks for my first graduate level thermo course. It is very readable with no requirement of high level mathematics. In my opinion, it is a perfect starting point for anybody who has a basic knowledge in science. Both my friend and I were regretting not to have known about this book during our undergraduate years. I love its presentation of entropy -- it is very unique and easy to grasp.

Great, beautiful book. Very elegant axiomatization of thermodynamics. Detailed, but never boring. It is not, though, in my opinion, appropriate for a first course on the subject.

the focus of thermodynamics from postulates and clarity on thermodynamic potential, makes it one of the best text on thermodynamics

If you like thermodynamic and applied science relate with this topics this is the correct book for you.
It's a great book

The book is optimum, made in good material and the content is excellent . Recommend to all who want to study thermodynamics.

A little old, but worthy for the price

I had great expectations on this book (by reference of my friends) , and certainly, did not disappoint me at all: this is a fundamental book at the time to study in depth thermodynamics. Thank you very much, Professor Callen

Good book. Fairly easy to follow. Chapters are short and to the point. My only complaint is that it's often difficult to figure out what the homework problems are asking for. I spend more time trying to figure out what the problem wants than I do actually solving the problem. More examples in the book would definitely help with that.

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