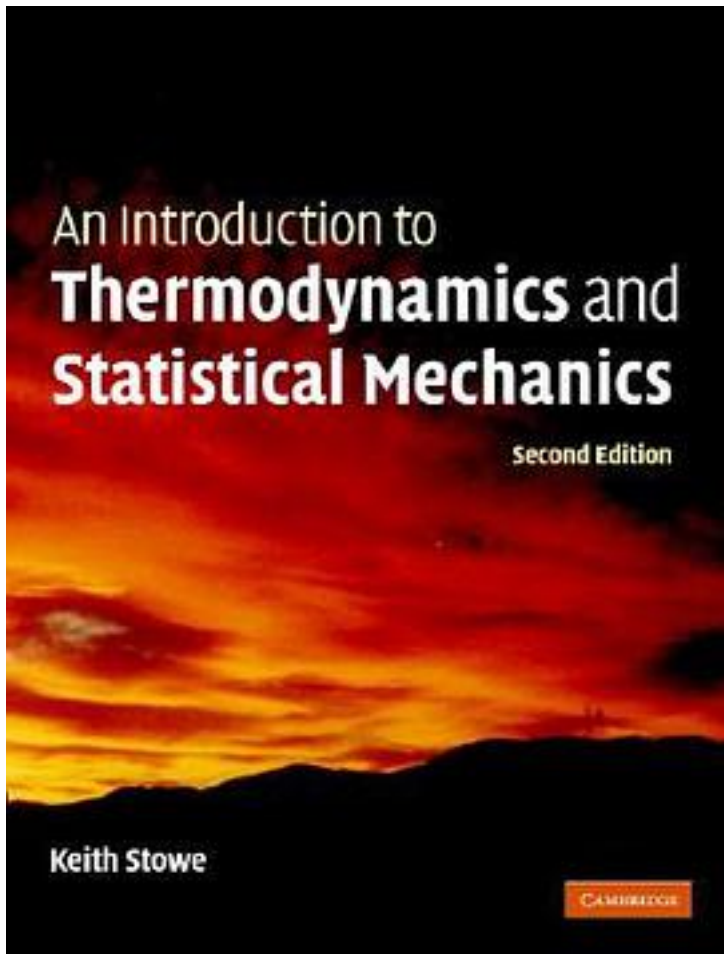# An Introduction to Thermodynamics and Statistical Mechanics

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This introductory textbook for standard undergraduate courses in thermodynamics

has been completely rewritten. Starting with an overview of important quantum behaviours, the book teaches students how to calculate probabilities, in order to provide a firm foundation for later chapters. It introduces the ideas of classical thermodynamics and explores them both in general and as they are applied to specific processes and interactions. The remainder of the book deals with statistical mechanics - the study of small systems interacting with huge reservoirs. The changes to this 2007 second edition have been made after more than 10 years classroom testing and student feedback. Each topic ends with a boxed summary of ideas and results, and every chapter contains numerous homework problems, covering a broad range of difficulties. Answers are given to odd numbered problems, and solutions to even problems are available to instructors at www.cambridge.org/9780521865579.

作者介绍:

目录:

An Introduction to Thermodynamics and Statistical Mechanics_下载链接1_

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评论

After this, it will just be the Christmas reunion. I swear. It's been a good year, and I thank you both for it.

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