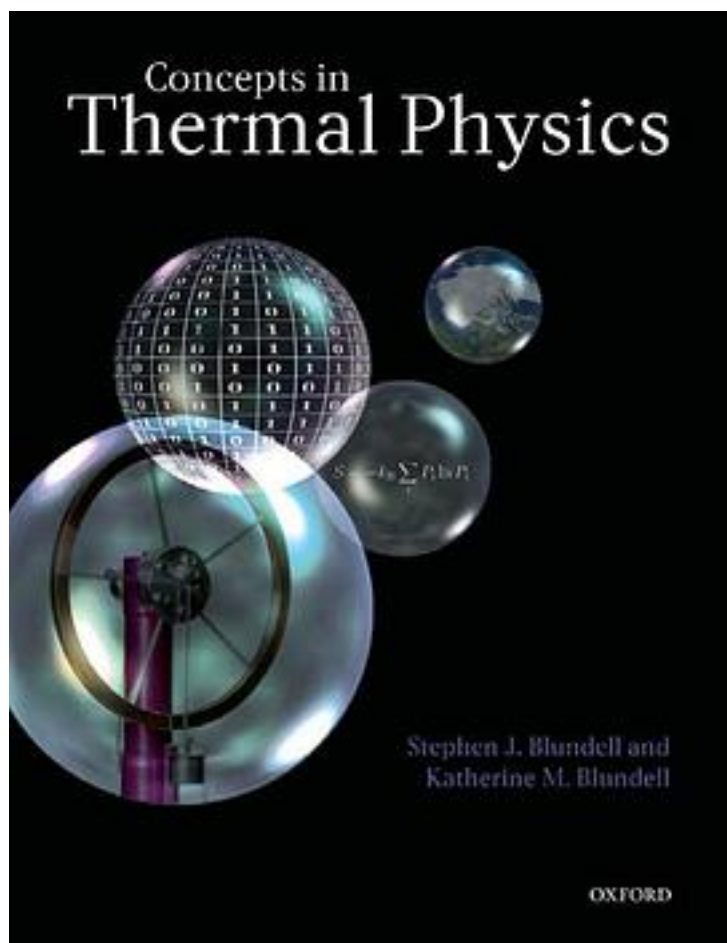


# Concepts in Thermal Physics



[Concepts in Thermal Physics\\_ 下载链接1](#)

著者:Blundell, Stephen J./ Blundell, Katherine M.

出版者:Oxford Univ Pr

出版时间:2006-10-12

装帧:Pap

isbn:9780198567707

An understanding of thermal physics is crucial to much of modern physics, chemistry and engineering. This book provides a modern introduction to the main principles that are foundational to thermal physics, thermodynamics and statistical mechanics. The

key concepts are carefully presented in a clear way, and new ideas are illustrated with copious worked examples as well as a description of the historical background to their discovery. Applications are presented to subjects as diverse as stellar astrophysics, information and communication theory, condensed matter physics and climate change. Each chapter concludes with detailed exercises.

## 作者介绍:

Stephen Blundell did his undergraduate degree in Physics and Theoretical Physics at Peterhouse, Cambridge and his Ph. D. in the Cavendish Laboratory at Cambridge. He moved to the Clarendon Laboratory at Oxford to take up an SERC research fellowship, followed by a Junior Research Fellowship at Merton College, where he began research in organic magnets and superconductors using muon-spin rotation. In 1997 he was appointed to a University Lectureship in the Physics Department and a Tutorial Fellowship at Mansfield College, Oxford, and was subsequently promoted to Reader and then Professor. He was a joint winner of the Daiwa-Adrian Prize in 1999 for his work on organic magnets.

Katherine Blundell did her undergraduate degree in Physics and Theoretical Physics at New Hall College, Cambridge and her Ph. D. in the Cavendish Laboratory at Cambridge. She moved to Oxford University Astrophysics department, holding a Junior Research Fellowship at Balliol College, an 1851 Research Fellowship, before taking up a Royal Society University Research Fellowship. Her research concentrates on radio galaxies and quasars. In 2005 she won a Leverhulme prize for her research.

## 目录:

[Concepts in Thermal Physics\\_下载链接1](#)

## 标签

物理

统计物理

热统

Physics

非虚构

热力学

## 评论

a clear structure,a wide perspective

-----  
书很干净易懂，习题都比较基础

-----  
读研两年来第一本完整读过的英语教材，终于感觉对热统有点入门了

-----  
这本还不算非常难懂了，不过也没有非常浅显易懂。题目的话最好搭配答案，不过答案不好找啊。。

-----  
[Concepts in Thermal Physics 下载链接1](#)

## 书评

-----  
[Concepts in Thermal Physics 下载链接1](#)