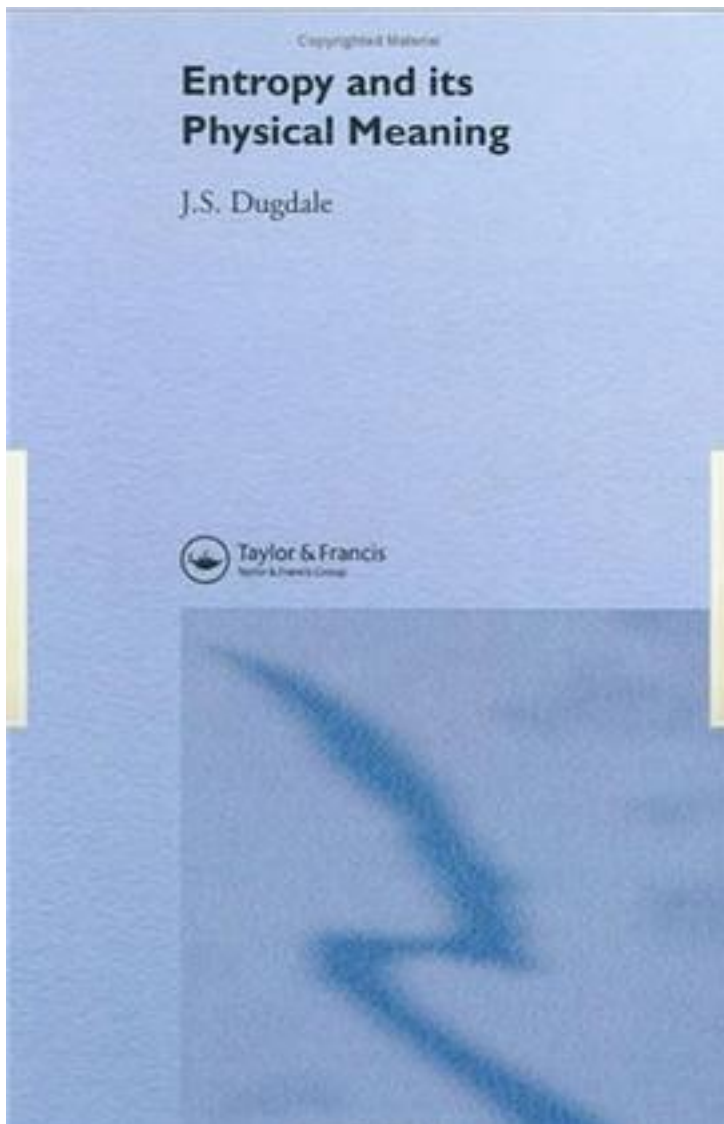


# Entropy and Its Physical Meaning



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著者:Dugdale, J.S.

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This text gives students a clear and easily understood introduction to entropy - a central concept in thermodynamics, but one which is often regarded as the most difficult to grasp. Professor Dugdale first presents a classical and historical view of entropy, looking in detail at the scientists who developed the concept, and at how they arrived at their ideas. This is followed by a statistical treatment which provides a more physical portrait of entropy, relating it to disorder and showing how physical and chemical systems tend to states of order at low temperatures. Dugdale includes here a brief account of some of the more intriguing manifestations of order in properties such as superconductivity and superfluidity.; "Entropy and Its Physical Meaning" also includes a number of exercises which can be used for both self- learning and class work. It is intended to provide a complete understanding of the concept of entropy, making it valuable reading for undergraduates in physics, physical sciences and engineering, and for students studying thermodynamics within other science courses such as meteorology, biology and medicine.

作者介绍:

目录:

[Entropy and Its Physical Meaning 下载链接1](#)

标签

Atmospheric

统计力学7

统计力学

科学

物理學

物理

热力学

大气科学

## 评论

正好在看统计力学的东西，这个可以当作入门～热力学与统计力学的完美结合

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标题是entropy，实际全书的思路并不是围绕熵，反而很适合热力学和统计物理的入门之用。喜欢~

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## 书评

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