

Introductory Statistical Mechanics

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Thermodynamics and an Introduction to Thermostatistics ...

Thermodynamics and Introductory Statistical Mechanics covers the necessary mathematical tools and computational techniques for understanding both, first providing a separate overview of each and then illustrating

and exploring the connections between the two.

Thermodynamics and Introductory Statistical Mechanics ...

Depending on how you look at it, statistical mechanics is either the least fundamental or most fundamental of all fields of physics. That is because it is not really science at all. It is pure mathematics. In other subjects, you learn about "natural laws": Newton's second law, Maxwell's equations, Schrödinger's equation, etc.

1. Introduction — Introduction to Statistical Mechanics

This book explains the ideas and techniques of statistical mechanics-the theory of condensed matter-in a simple and progressive way. The text starts with the laws of thermodynamics and simple ideas of quantum mechanics. The conceptual ideas underlying the subject are explained carefully; the

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