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## ~~Fundamentals of Statistical and Thermal Physics: Amazon.co ...~~

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field of 'stochastic thermodynamics' has emerged.

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Fundamentals of Statistical and Thermal Physics-F. Reif 2009-01-05 All macroscopic systems consist ultimately of atoms obeying the laws of quantum mechanics. That premise forms the basis for this comprehensive text, intended for a first upper-level course in statistical and thermal physics. Reif emphasizes that the combination of

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The philosophy of thermal and statistical physics is that part of the philosophy of physics whose subject matter is an amalgam of classical thermodynamics, statistical mechanics, and related theories. Its central questions include: What is entropy, and what does the second law of thermodynamics say about it?

~~Philosophy of thermal and statistical physics—  
Wikipedia~~

Thermodynamics: the study of energy, energy transformations and its relation to matter. The analysis of thermal systems is achieved through the application of the governing conservation equations, namely Conservation of Mass, Conservation of Energy (1st law of thermodynamics), the 2nd law of thermodynamics and the property relations.

~~Basic Concepts of Thermodynamics~~

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Basics Of Thermal And Statistical Physics Overview. Thermal physics, generally speaking, is the study of the statistical nature of physical systems from an energetic perspective. Starting with the basics of heat and temperature, thermal physics analyzes the first law of thermodynamics and second law of

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thermodynamics from the

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Starting with the basics of heat and temperature, thermal physics analyzes the first law of thermodynamics and second law of thermodynamics from the statistical perspective, in terms of the number of microstates corresponding to a given macrostate. In addition, the concept of entropy is studied via quantum theory .

## ~~Thermal physics — Wikipedia~~

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