



Elementary Principles in Statistical Mechanics (Dover Books on Physics)

By J. Willard Gibbs

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Written by J. Willard Gibbs, the most distinguished American mathematical physicist of the nineteenth century, this book was the first to bring together and arrange in logical order the works of Clausius, Maxwell, Boltzmann, and Gibbs himself. The lucid, advanced-level text remains a valuable collection of fundamental equations and principles.

Topics include the general problem and the fundamental equation of statistical mechanics, the canonical distribution of the average energy values in a canonical ensemble of systems, and formulas for evaluating important functions of the energies of a system. Additional discussions cover maximum and minimal properties of distribution in phase, a valuable comparison of statistical mechanics with thermodynamics, and many other subjects.

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Editorial Review

About the Author

In 1863 Yale University awarded J. Willard Gibbs (1839–1903) the first American doctorate in engineering. Professor of Mathematical Physics at Yale from 1871 until 1903, Gibbs made important theoretical contributions to many areas of physics, chemistry, and engineering. Together with James Clerk Maxwell and Ludwig Boltzmann, he was instrumental in creating the discipline of statistical mechanics.

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The reason? Because this Elementary Principles in Statistical Mechanics (Dover Books on Physics) is an unordinary book that the inside of the book waiting for you to snap the idea but latter it will distress you with the secret this inside. Reading this book beside it was fantastic author who have write the book in such incredible way makes the content within easier to understand, entertaining method but still convey the meaning totally. So , it is good for you for not hesitating having this any more or you going to regret it. This unique book will give you a lot of positive aspects than the other book get such as help improving your proficiency and your critical thinking technique. So , still want to hold off having that book? If I have been you I will go to the reserve store hurriedly.

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