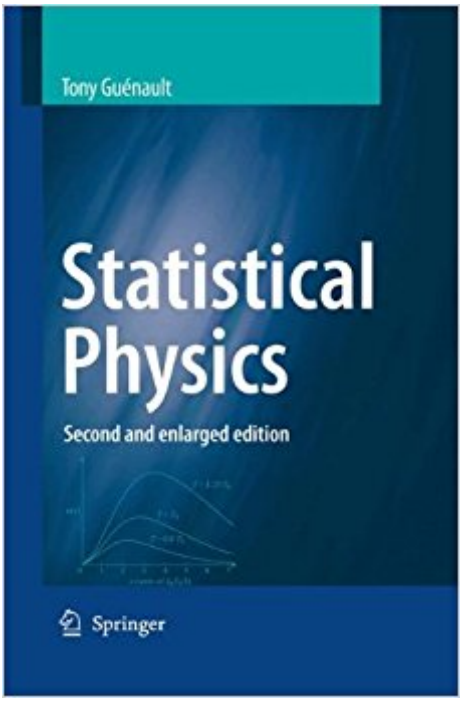
Statistical Physics (Student Physics Series)



Synopsis

In this revised and enlarged second edition, Tony GuÃ©nault provides a clear and refreshingly readable introduction to statistical physics. The treatment itself is self-contained and concentrates on an understanding of the physical ideas, without requiring a high level of mathematical sophistication. The book adopts a straightforward quantum approach to statistical averaging from the outset. The initial part of the book is geared towards explaining the equilibrium properties of a simple isolated assembly of particles. The treatment of gases gives full coverage to Maxwell-Boltzmann, Fermi-Dirac and Bose-Einstein statistics.

Book Information

Series: Student Physics Series

Paperback: 204 pages

Publisher: Springer; 2nd edition (November 28, 2007)

Language: English

ISBN-10: 1402059744

ISBN-13: 978-1402059742

Product Dimensions: 6.1 x 0.5 x 9.2 inches

Shipping Weight: 12 ounces (View shipping rates and policies)

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Customer Reviews

From the reviews of the second edition: "This is an introductory level textbook on the basics of statistical physics. â | it is an easy-to-read textbook, suited for bachelor students who want to learn the basics of statistical physics by themselves." (Jacques Tempere, Physicalia Magazine, Vol. 30 (4), 2008)

Tony GuÃ©nault is Emeritus Professor of Low Temperature Physics and a former Head of the School of Physics and Materials at Lancaster University, UK

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