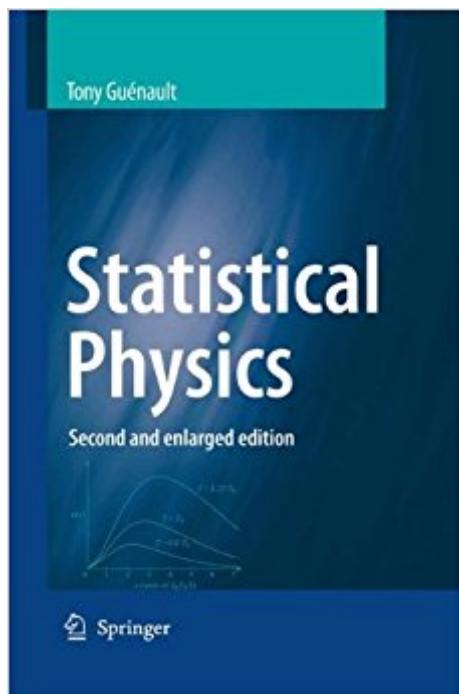


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Synopsis

In this revised and enlarged second edition, Tony Guérin 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.

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Tony Guérin 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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