



A Guide to Physics Problems: Part 2: Thermodynamics, Statistical Physics, and Quantum Mechanics

By Gerald D. Mahan

Springer. Paperback. Book Condition: New. Paperback. 354 pages. Dimensions: 9.0in. x 6.0in. x 0.9in. In order to equip hopeful graduate students with the knowledge necessary to pass the qualifying examination, the authors have assembled and solved standard and original problems from major American universities Boston University, University of Chicago, University of Colorado at Boulder, Columbia, University of Maryland, University of Michigan, Michigan State, Michigan Tech, MIT, Princeton, Rutgers, Stanford, Stony Brook, University of Tennessee at Knoxville, and the University of Wisconsin at Madison and Moscow Institute of Physics and Technology. A wide range of material is covered and comparisons are made between similar problems of different schools to provide the student with enough information to feel comfortable and confident at the exam. Guide to Physics Problems is published in two volumes: this book, Part 2, covers Thermodynamics, Statistical Mechanics and Quantum Mechanics; Part 1, covers Mechanics, Relativity and Electrodynamics. Praise for A Guide to Physics Problems: Part 2: Thermodynamics, Statistical Physics, and Quantum Mechanics: A Guide to Physics Problems, Part 2 not only serves an important function, but is a pleasure to read. By selecting problems from different universities and even different scientific cultures, the authors have effectively avoided a one-sided...



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