



A Guide to Physics Problems, Part 1: Mechanics, Relativity, and Electrodynamics (The Language of Science)

Sidney B. Cahn, Boris E. Nadgorny

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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 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 1*, covers Mechanics, Relativity and Electrodynamics; *Part 2* covers Thermodynamics, Statistical Mechanics and Quantum Mechanics.

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