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Nota di contenuto	From the Contents: I Mechanics: Kinematics -- Dynamics -- Rigid Bodies -- Micromechanics -- Gravitation and the Theory of Relativity -- Mechanics of Continuous Media -- Nonlinear Dynamics, Chaos, and Fractals -- Tables on Mechanics; II Vibrations and Waves: Vibrations -- Waves -- Acoustics -- Optics -- Tables on Vibrations, Waves, Acoustics, and Optics; III Electricity: Charges and Currents -- Electric and Magnetic Field -- Applications in Electrical Engineering -- Current Conduction in Liquids, Gases, and Vacuum -- Plasma Physics -- Tables on Electricity; IV Thermodynamics: Equilibrium and State Variables -- Heat, Conversion of Energy, and Changes of State -- Phase Transitions, Reactions, and Equalizing of Heat -- Tables on Thermodynamics; V Quantum Physics: Photons, Electromagnetic Radiation, and Light Quanta.
Sommario/riassunto	The Handbook of Physics is a complete desktop reference for scientists, engineers, and students. A veritable toolbox for everyday use in problem solving, homework, examinations, and practical applications of physics, it provides quick and easy access to a wealth of information including not only the fundamental formulas of physics but also a wide variety of experimental methods used in practice. Compiled by professional scientists, engineers, and lecturers who are experts in the day-to-day use of physics, the Handbook covers topics from classical mechanics to elementary particles, electric circuits to error analysis. The previous editions in German are renowned for their clarity and

completeness.
