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## College Physics: v. 2 (Hardback)

By Jerry D. Wilson, Anthony J. Buffa, Bo Lou

Pearson Education (US), United States, 2009. Hardback. Book Condition: New. 7th Revised edition. 274 x 214 mm. Language: English . Brand New Book. College Physics conveys the fundamental concepts of algebra-based physics in a readable and concise manner. The authors emphasize the importance of conceptual understanding before solving problems numerically, use everyday life examples to keep readers interested, and promote logical thinking to solve multiple step problems. The Seventh Edition of this book presents an especially clear learning path, places a strong emphasis on understanding concepts and problem-solving, and for the first time, includes a book-specific version of MasteringPhysics(TM). Measurement and Problem Solving, Kinematics: Description of Motion, Motion in Two Dimensions, Force and Motion, Work and Energy, Linear Momentum and Collisions, Circular Motion and Gravitation, Rotational Motion and Equilibrium, Solids and Fluids, Temperature and Kinetic Theory, Heat, Thermodynamics, Vibrations and Waves, Sound, Electric Charge, Forces, and Fields, Electric Potential, Energy, and Capacitance, Electric Current and Resistance, Basic Electric Circuits, Magnetism, Electromagnetic Induction and Waves, AC Circuits, Reflection and Refraction of Light, Mirrors and Lenses, Physical Optics: The Wave Nature of Light, Vision and Optical Instruments, Relativity, Quantum Physics, Quantum Mechanics and Atomic Physics, The Nucleus, Nuclear Reactions and Elementary Particles...



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