



Physics for Scientists & Engineers Vol. 3 (Chs 36-44) with Modern Physics and MasteringPhysics (4th Edition)

By Giancoli, Doug

Addison-Wesley, 2008. Book Condition: New. Brand New, Unread Copy in Perfect Condition. A+ Customer Service! Summary: NO>CHAPTER 36: SPECIAL THEORY OF RELATIVITY36-1 Galilean-Newtonian Relativity*36-2 The Michelson-Morley Experiment36-3 Postulates of the Special Theory of Relativity36-4 Simultaneity36-5 Time Dilation and the Twin Paradox36-6 Length Contraction36-7 Four-Dimensional Space-Time36-8 Galilean and Lorentz Transformations36-9 Relativistic Momentum and Mass36-10 The Ultimate Speed36-11 Energy and Mass; $E=mc^2$ 36-12 Doppler Shift for Light36-13 The Impact of Special RelativitySUMMARYQUESTIONSPROBLEMSGENERAL PROBLEMSCHAPTER 37: EARLY QUANTUM THEORY AND MODELS OF THE ATOM37-1 Planck's Quantum Hypothesis37-2 Photon Theory of Light and the Photoelectric Effect37-3 Photons and the Compton Effect37-4 Photon Interactions; Pair Production37-5 Wave-Particle Duality; the Principle of Complementarity37-6 Wave Nature of Matter*37-7 Electron Microscopes37-8 Early Models of the Atom37-9 Atomic Spectra: Key to the Structure of the Atom37-10 The Bohr Model37-11 DeBroglie's Hypothesis Applied to AtomsSUMMARYQUESTIONSPROBLEMSGENERAL PROBLEMSCHAPTER 38: QUANTUM MECHANICS38-1 Quantum Mechanics-A New Theory38-2 The Wave Function and Its Interpretation; the Double-Slit Experiment38-3 The Heisenberg Uncertainty Principle38-4 Philosophic Implications; Probability Versus Determinism38-5 The Schrodinger Equation in One



[DOWNLOAD PDF](#)

Reviews

The ideal publication i ever read through. It is probably the most amazing ebook i have read. You wont really feel monotony at at any moment of your own time (that's what catalogues are for concerning should you request me).

-- **Kianna Cummings MD**

Most of these ebook is the ideal book offered. It is rally interesting throgh reading through time. Your way of life span will be enhance the instant you complete reading this ebook.

-- **Antonina Friesen**