



Physics: Principles with Applications Volume 2 (Chapters 16-33) with MasteringPhysics (6th Edition)

By Giancoli, Douglas C.

Addison-Wesley, 2008. Book Condition: New. Brand New, Unread Copy in Perfect Condition. A+ Customer Service! Summary: 1. Electric Charge and Electric Field 2. Electric Potential and Electric Energy; Capacitance 3. Electric Currents 4. DC Circuits 5. Magnetism 6. Electromagnetic Induction and Faraday's Law; AC Circuits 7. Electromagnetic Waves 8. Light: Geometric Optics 9. The Wave Nature of Light 10. Optical Instruments 11. Special Theory of Relativity 12. Early Quantum Theory and Models of the Atom 13. Quantum Mechanics of Atoms 14. Molecules and Solids 15. Nuclear Physics and Radioactivity 16. Nuclear Energy; Effects and Uses of Radiation 17. Elementary Particles 18. Astrophysics and Cosmology Appendix A: Mathematical Review Appendix B: Dimensional Analysis Appendix C: Rotating Frames of Reference; Inertial Forces; Coriolis Effect Appendix D: Gauss's Law Appendix E: Galilean and Lorentz Transformations Appendix F: Selected Isotopes Answers to Odd-Numbered Problems Index.



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