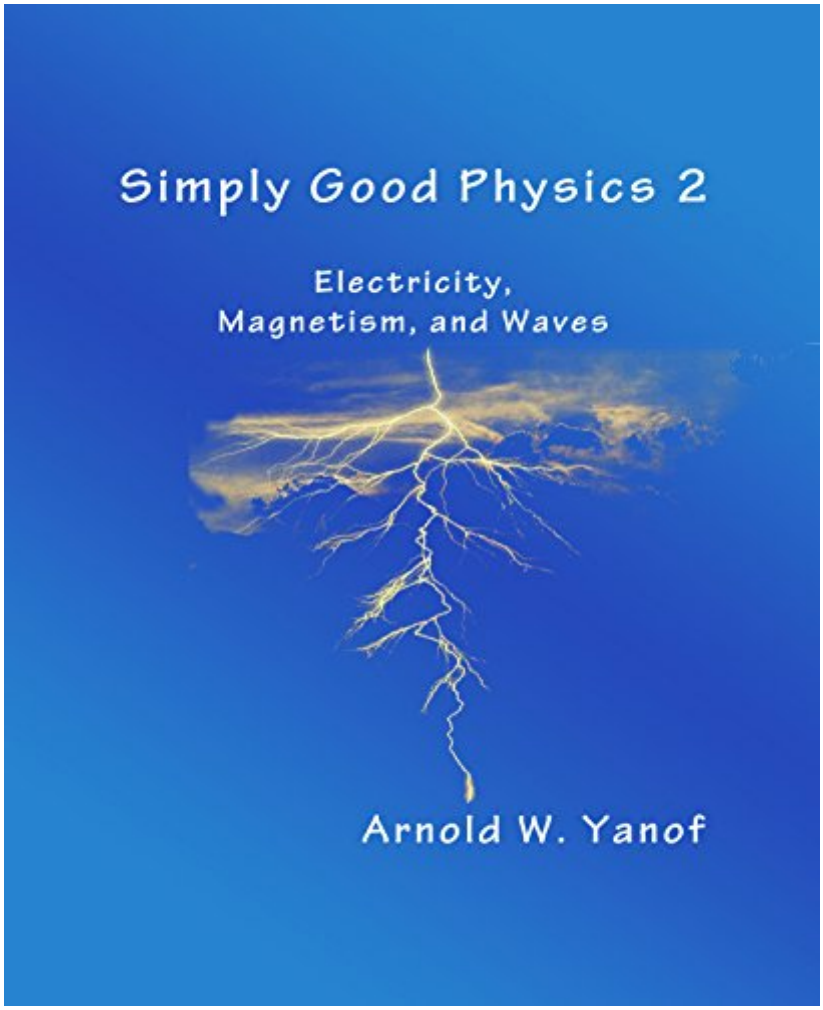
Simply Good Physics 2: Electricity, Magnetism, And Waves



Synopsis

This text is a brief, simple, but complete guide for college electricity and magnetism. Readable explanations help the student master the concepts of college physics electricity and magnetism - without calculus. Worked examples appear with every new concept, and connect the concepts and equations to reality. Yet you are neither weighed down with - nor do you pay for - unnecessary detail and extraneous side-topics. This short book is complete, in that it covers all the topics of the typical college physics II course: Coulomb forces and energy of electric charges, currents, analyzing basic circuits including capacitors and resistors, magnetic fields of wires and solenoids, magnetic force, Faraday's law, waves, and optical imaging.

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Customer Reviews

This textbook covers all the essential material of a course in electricity, magnetism and waves in 174 short pages, and it is done with clarity (only using simple algebra), knowledge, practical examples, and a few quantitative questions (with answers). It would be a perfect textbook for both a high school or college course, as well as for those individuals who wish to teach themselve some real physics. And you cannot beat the price.Dr. Bernard J. FeldmanProfessor of PhysicsUniversity

of Missouri-St. Louis

Great book - very helpful for the course. Took it this past summer with Arne & recommend it to anyone taking Physics II. Definitely worth it for the price.

Simply Good Physics 2: Electricity, Magnetism, and Waves Electricity and Magnetism, Grades 6 - 12: Static Electricity, Current Electricity, and Magnets (Expanding Science Skills Series) Waves, Electricity and Magnetism: Experiments in Physics Physics for Kids : Electricity and Magnetism - Physics 7th Grade | Children's Physics Books Physics for Scientists and Engineers: Vol. 2: Electricity and Magnetism, Light (Physics, for Scientists & Engineers, Chapters 22-35) Essential Calculus-based Physics Study Guide Workbook: Electricity and Magnetism (Learn Physics with Calculus Step-by-Step Book 2) 100 Instructive Calculus-based Physics Examples: Electricity and Magnetism (Calculus-based Physics Problems with Solutions Book 2) Essential Calculus-based Physics Study Guide Workbook: Electricity and Magnetism (Learn Physics with Calculus Step-by-Step) (Volume 2) Essential Trig-based Physics Study Guide Workbook: Electricity and Magnetism (Learn Physics Step-by-Step Book 2) A Student's Guide Through the Great Physics Texts: Volume III: Electricity, Magnetism and Light: 3 (Undergraduate Lecture Notes in Physics) Glencoe Physical iScience Modules: Electricity and Magnetism, Grade 8, Student Edition (GLEN SCI: ELECTRICITY/MAGNETIS) Shocking! Where Does Electricity Come From? Electricity and Electronics for Kids - Children's Electricity & Electronics 25 Uses of Electricity 4th Grade Electricity Kids Book | Electricity & Electronics Understanding Physics (Motion, Sound, and Heat / Light, Magnetism, and Electricity / The Electron, Proton, and Neutron) RealTime Physics Active Learning Laboratories, Module 3: Electricity and Magnetism Workshop Physics Activity Guide, Module 4: Electricity and Magnetism Electricity and Magnetism: Experiments in Physics FlipItPhysics for University Physics: Electricity and Magnetism (Volume Two) Understanding Physics: Volume 2: Light, Magnetism and Electricity Electricity and Magnetism (Smart Physics, Preliminary version)