



Six Ideas That Shaped Physics: Unit E: Electric and Magnetic Fields are Unified (Second Edition)

By Thomas A. Moore

McGraw-Hill Education, 2013. Softcover. Book Condition: New. 2nd edition. SIX IDEAS THAT SHAPED PHYSICS is the 21st century's alternative to traditional, encyclopedic textbooks. Thomas Moore designed SIX IDEAS to teach students: --to apply basic physical principles to realistic situations --to solve realistic problems --to resolve contradictions between their preconceptions and the laws of physics --to organize the ideas of physics into an integrated hierarchy Contents: E1 Electrostatics E2 Electric Fields E3 Electric Potential E4 Conductors E5 Driving Currents E6 Analyzing Circuits E7 Magnetic Fields E8 Currents and Magnets E9 Symmetry and Flux E10 Gauss's Law E11 Ampere's Law E12 The Electromagnetic Field E13 Maxwell's Equations E14 Induction E15 Introduction to Waves E16 Electromagnetic Waves Printed Pages: 384.



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