



PHYSICS 7C

GENERAL PHYSICS



Introduction to general principles and analytical methods used in physics for students majoring in a biological science. This text reviews harmonic motion, and introduces waves, interference, Doppler effect, reflection, refraction, standing waves, atomic energy spectrum, beats, mirrors, lenses, thin lens equation and ray tracing, electric fields and forces, electric dipole, electric potential energy, magnetic fields and forces, magnetic induction, EM waves, and light polarization.

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