



PHYSICS 7A

GENERAL PHYSICS



Introduction to general principles and analytical methods used in physics for students majoring in a biological science. This text addresses energy conservation, work, three-phase model and phase transitions, thermal energy, bond energy, mechanical energies, potential energy and force, Lennard-Jones potential, microscopic description of thermal and bond energy, thermodynamics, and entropy.

Dina Zhabinskaya
UC Davis

