

Download Simple Harmonic Motion Pdf

Simple Harmonic Motion Back and forth motion that is caused by a force that is directly proportional to the displacement. The displacement centers Topics Periodic Motion; Simple Harmonic Motion; Conservation of Energy; Period; Pendulum; Description Play with one or two pendulums and discover how the period of a simple pendulum depends on the length of the string, the mass of the pendulum bob, the strength of gravity, and the amplitude of the swing. No Brain Too Small ? PHYSICS (e) Simple harmonic motion requires a restoring force that changes in proportion to the size of the displacement. The Simple Pendulum Revised 10/25/2000 $F = -kx$ $G(1)$ then the motion of the pendulum will be simple harmonic motion and its period can be calculated using the equation for the period of simple harmonic motion