

FÍSICA ÓPTICA

Escuela Preparatoria Número 4

Elaboró: M.T.E. Verónica Martínez Espinosa

Abstract

- Physics studies all nature, for understanding is divided into classical and modern.

Optical physics studies the phenomena related to acoustics and optics that is produced by waves.

- Keywords: waves, phenomena, light, sound.

Clasificación de la física

Física clásica

Mecánica

Acústica

Óptica

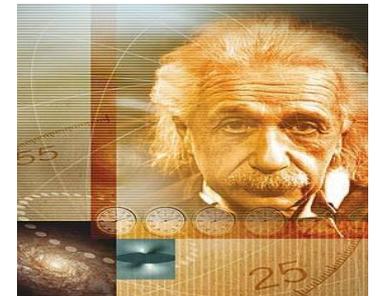
Electricidad y magnetismo



Física moderna

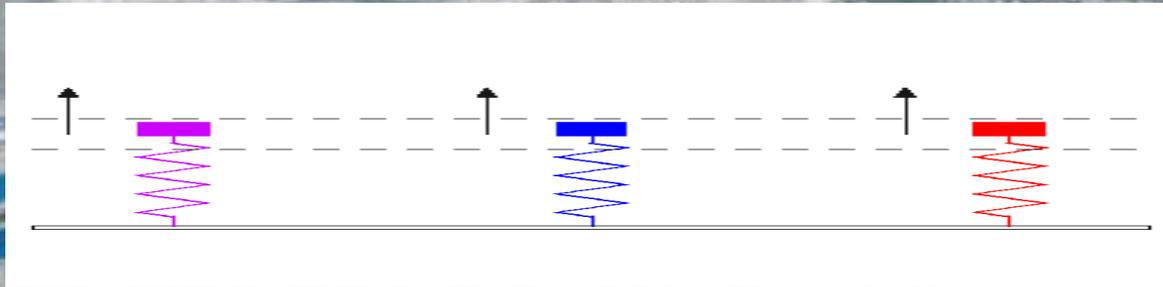
Atómica

Nuclear

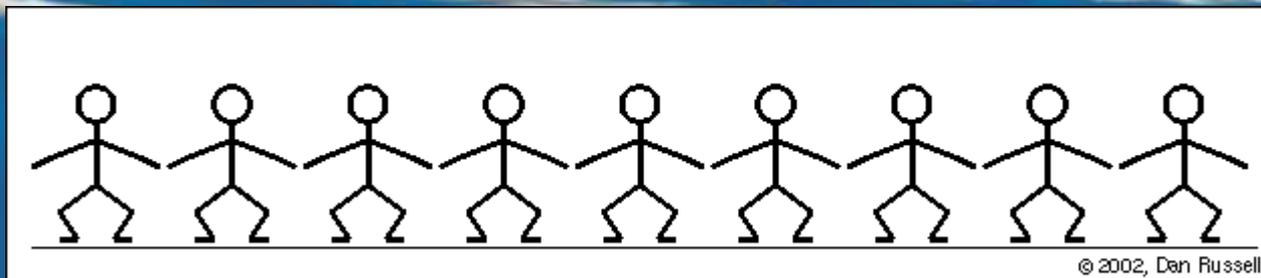


Movimiento Ondulatorio

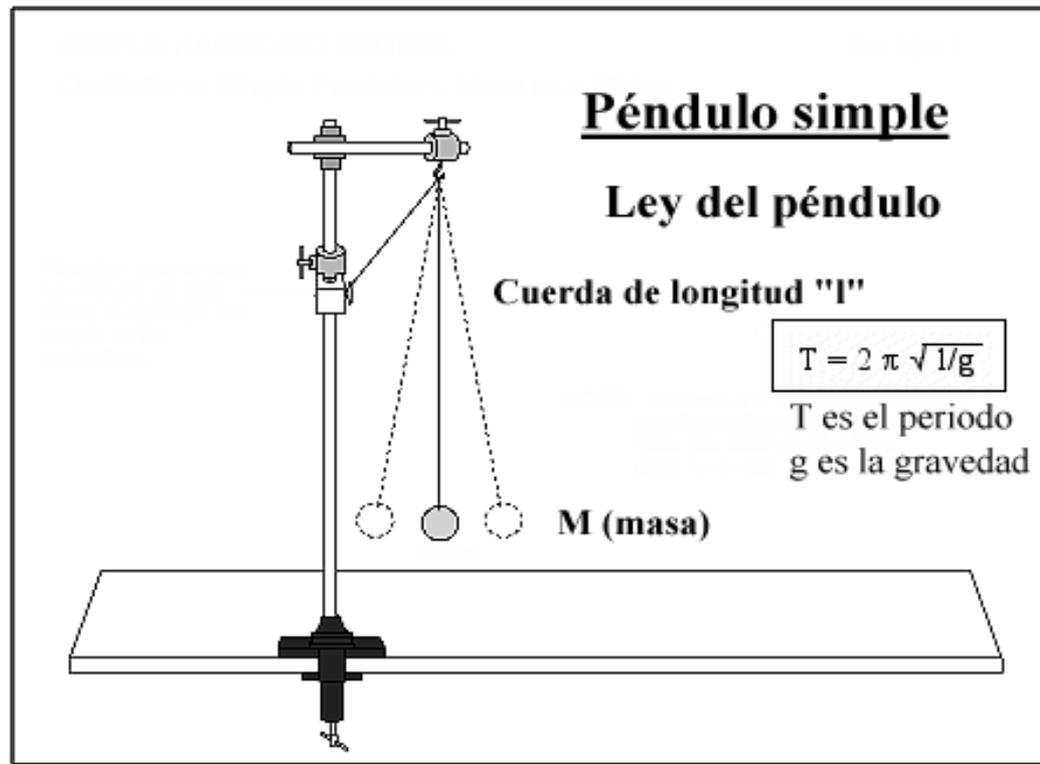
Vibración: oscilación en el tiempo



Ondas: Perturbación que transporta energía

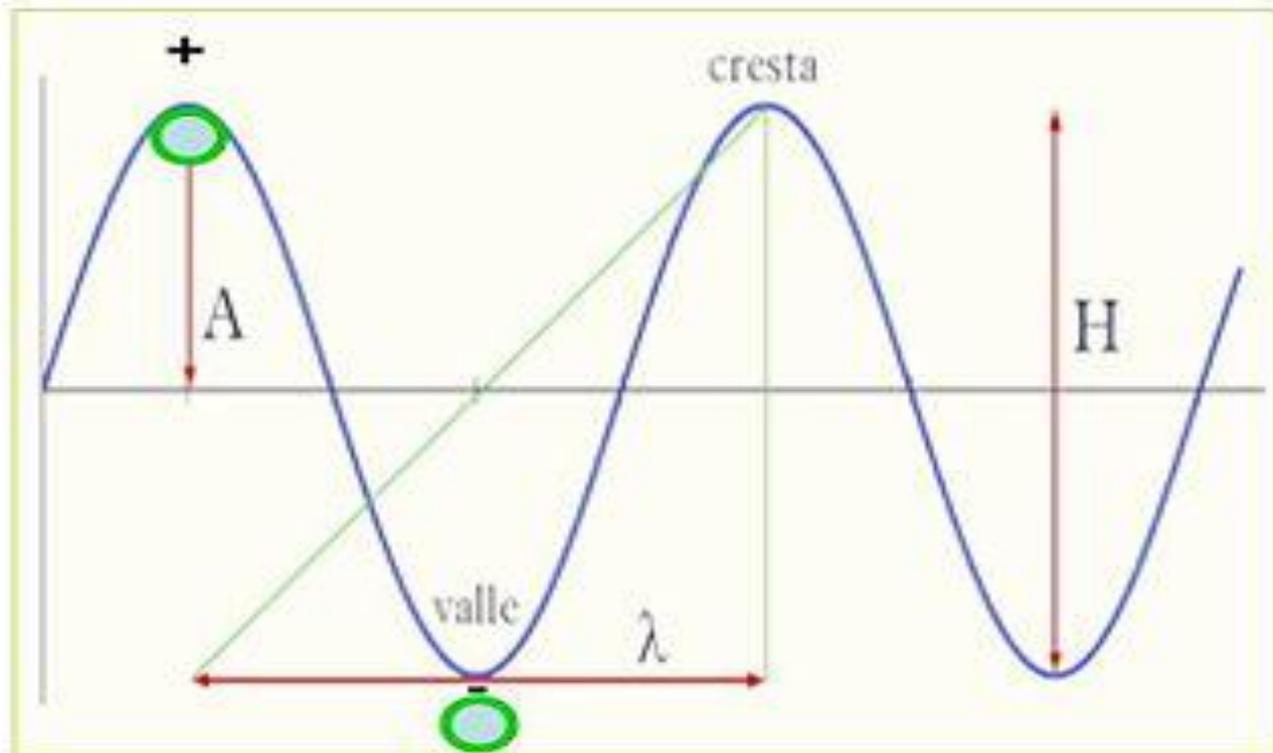


Movimiento periódico



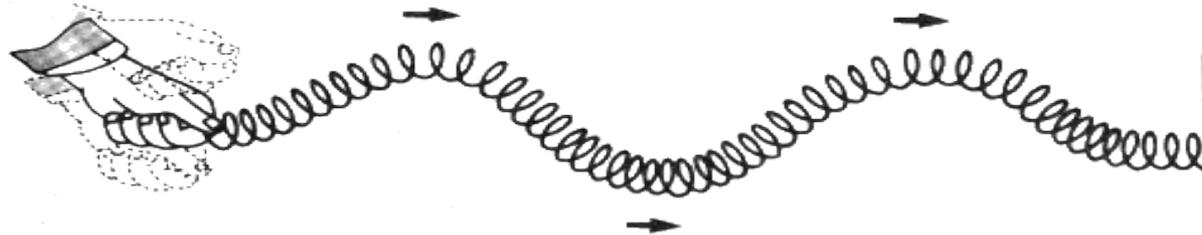
Movimiento Ondulatorio

Movimiento ondulatorio



Movimiento Ondulatorio

Ondas transversales (instrumentos con cuerdas tensas, ondas de radio y la luz)



Ondas longitudinales (sonido)

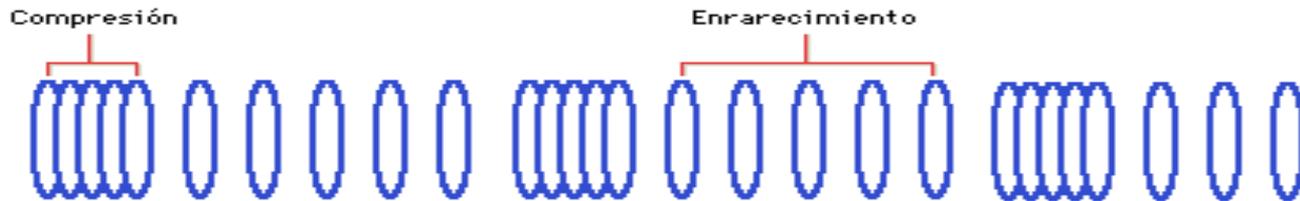
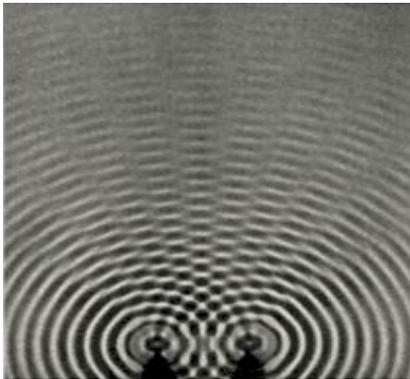


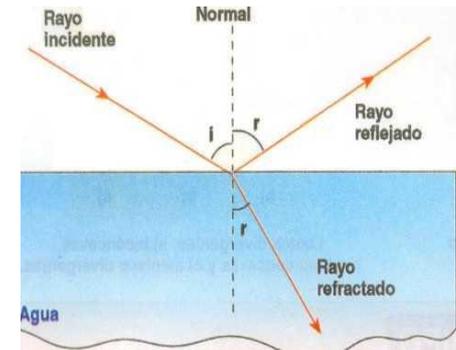
Figura 1: onda longitudinal

Fenómenos en las Ondas

Interferencia



Refracción



Reflexión

