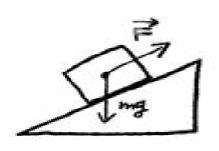
SPEED OF LIGHT

$$c = \frac{1}{\sqrt{\mu_0 \, \epsilon_0}} = 3.0 \times 10^8 \, \text{m/s}$$

MASS-ENERGY EQUIVALENCE

VELOCITY



GRAVITATIONAL CONSTANT

$$G = 6.67 \times 10^{-11} (N \cdot m^2)/lg^2$$

HEAT CHINGE

FORCE

$$\vec{F}_{xx} = \frac{d\vec{p}}{dt}$$

$$P = \frac{dW}{dt}$$

GRINITY

$$F = \frac{G_{m_1m_2}}{r^2}$$

PERIOD OF OSCILLATION

$$T = 2\pi \sqrt{\frac{m}{k}}$$

MAGNETIC FLUX

$$\Phi_{\rm g} = \int \vec{\rm B} \cdot d\vec{\rm A}$$

HOEK DONE BY EXMANDING GAS

# **Physical Science Formulas And Equations**

K. F. Riley, M. P. Hobson

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