Practical formulas:

(resistance, resistivity (electricity))

**F = Eq** (field and force (electricity))

(resistance force (fluid mechanics))

(center of mass (solid mechanics))

**F = ma** (Newton Second Law (solid mechanics))

**σ = Eε** (Hooks Law (deformed mechanics))

(spring harmonic oscillator period (solid mechanics))

(pendulum harmonic oscillator period (solid mechanics))

(rotational harmonic oscillator period (solid mechanics))

(LC circuit harmonic oscillator period (electricity))