

$$\Delta s^2 = \Delta t^2 - \Delta x^2$$

$$E = mc^2$$

$$E = E_0 + K \quad | \quad E_0 = m$$

$$E^2 = m^2 + p^2$$

$$E = \gamma m \quad | \quad \gamma = \frac{1}{\sqrt{1-v^2}}$$

$$\vec{p} = \gamma \vec{v}$$

$$v = \frac{\Delta x}{\Delta t}$$

$$m_{\text{sist}} = \|\vec{p}_{\text{sist}}\|$$

$$a = \frac{\Delta v}{\Delta t}$$

$$x = x_0 + v_x t + \frac{1}{2} a t^2$$

$$v_x = v_{0x} + a t$$

