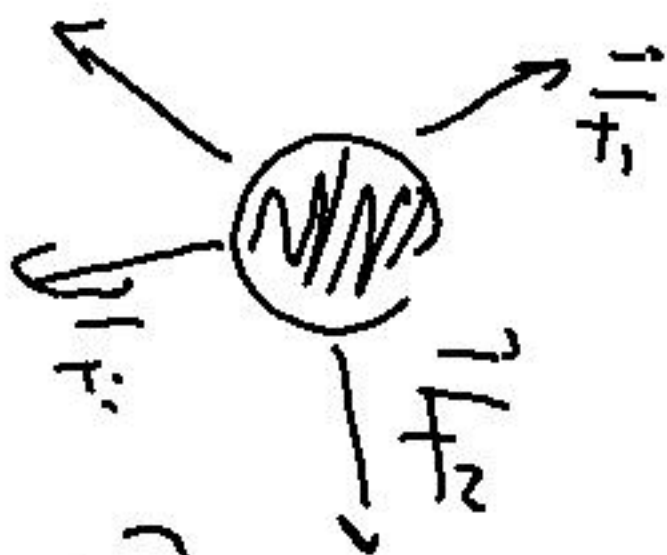


$$L_{\vec{r}} = \Delta T$$

$$\Delta U = -L$$

$$L_{AB} = -\left(U(B) - U(A) \right)$$



$$\Delta U = -\Delta T$$

$$\Delta U + \Delta T = 0$$

URTO ANELASTICO $m_1 = m_2$



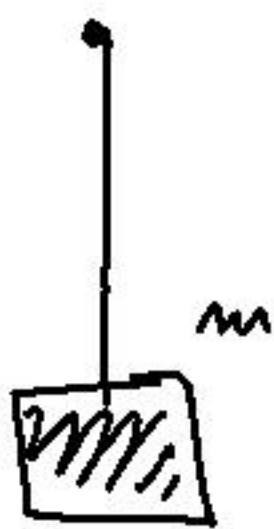
$$T_f = \frac{1}{2} m_1 v_1^2 + \frac{1}{2} m_2 v_2^2$$



$$m_1 \cdot V = m_1 v_1 + m_2 v_2$$

$$V = v_1 + v_2$$

$$m_p = 10 \text{ g}$$



$$m_p = 10 \text{ g}$$

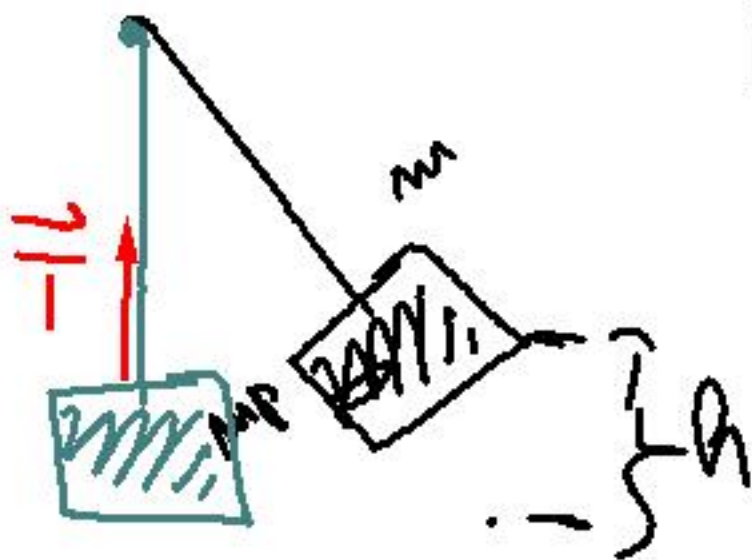
$$m = 1,0 \text{ kg}$$

$$\Delta E_m : \Delta U = -\Delta T$$

$$= \frac{1}{2} m_p v^2 - \frac{1}{2} m_p v_i^2$$

$$L = F \cdot s$$

$$L = F_{\parallel} \cdot s$$



$$\Delta E_m = L_{\text{ext}} = 0$$

$$\Delta U = (m + m_p) g h$$

$$T_i = m_p v^2 \quad T_f = 0$$

$$v^2 = \frac{(m + m_p) g h}{m_p}$$

