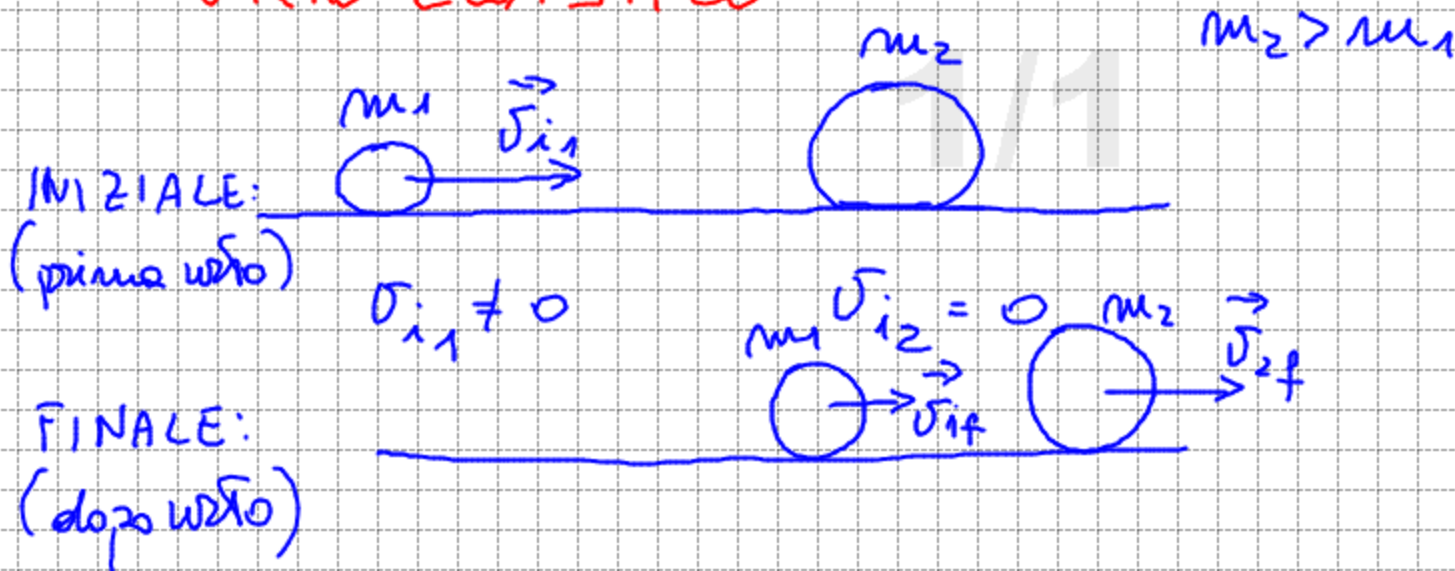


URTO ELASTICO



- si conserva l'energia cinetica: $K_i = K_f$
- si conserva la quantità di moto: $q_i = q_f$

$$\begin{cases} K_i = K_f \\ q_i = q_f \end{cases}$$

$$\frac{1}{2} m_1 v_{1i}^2 + \frac{1}{2} m_2 v_{2i}^2 = \frac{1}{2} m_1 v_{1f}^2 + \frac{1}{2} m_2 v_{2f}^2$$

$$m_1 v_{1i} + m_2 v_{2i} = m_1 v_{1f} + m_2 v_{2f}$$