

$$3 \times 10^3 \times \sqrt{2} \times 10 = 3\sqrt{2} \times 10^6$$

$$m_A v_0 - \mu_1 m_A g t = m_A v$$

$$(\mu_1 m_A g - \mu_2 (m_A + m_B) g) t = m_B v.$$

$$m_1 v_1 + m_2 v_2 = 0.$$

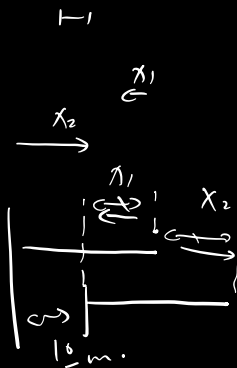
$$m_1 x_1 + m_2 x_2 = 0$$

$$\begin{cases} x_1 + x_2 = 5 \\ \cancel{3x_1 + 10x_2 = 1} \end{cases}$$

$$x_1 + 2x_2 = 0.$$

$$x_2 = -5$$

$$x_1 = 10.$$



$$x_1 - x_2 = 5 \frac{10}{3}$$

$$x_1 + 2x_2 = 0.$$

$$3x_1 = 5 \quad x_1 = \frac{5}{3} \quad x_2 = -\frac{10}{3}$$

P71. 3. P72. 8. 9. 13.