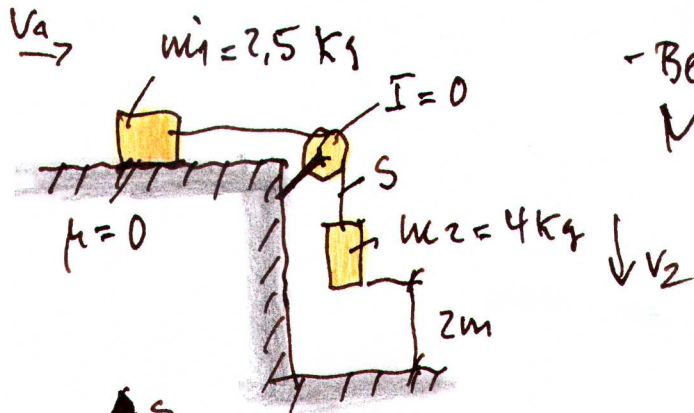
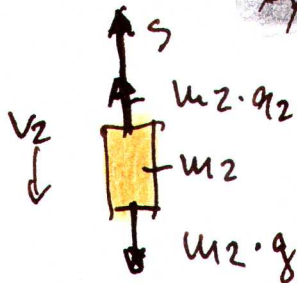




- Beschleunigung einer Masse -

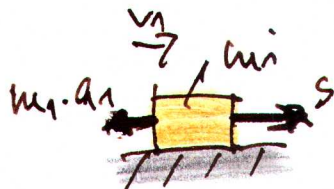
14.11.2021

Irrtum vorbehalten



$$S + m_2 \cdot a_2 - m_2 \cdot g = 0$$

$$S = m_2 \cdot g - m_2 \cdot a_2 = m_2 (g - a_2)$$



$$S - m_1 \cdot a_1 = 0 \quad S = m_1 \cdot a_1$$

$$m_2 \cdot g - m_2 \cdot a_2 - m_1 \cdot a_1 \quad a_1 = a_2 \quad v_1 = v_2$$

Daraus kannst du a_1 berechnen