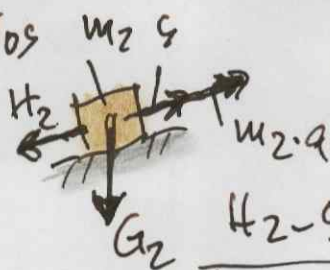


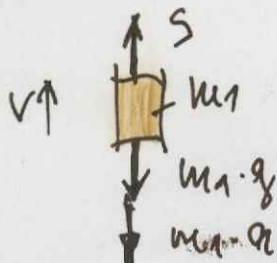
$$\mu = 0$$



~ Massen am Seil -

$$H_2 - S - m_2 \cdot g = 0$$

$$S = m_2 (g \cdot \sin \varphi - a)$$



$$S - m_1 \cdot g - m_1 \cdot a = 0$$

$$m_1 \cdot g + m_1 \cdot a = m_2 \cdot g \cdot \sin \varphi - m_2 \cdot a$$

$$a (m_1 + m_2) = m_2 \cdot g \cdot \sin \varphi - m_1 \cdot g$$

$$a = g \frac{m_2 \cdot \sin \varphi - m_1}{m_1 + m_2}$$

26.03.2022