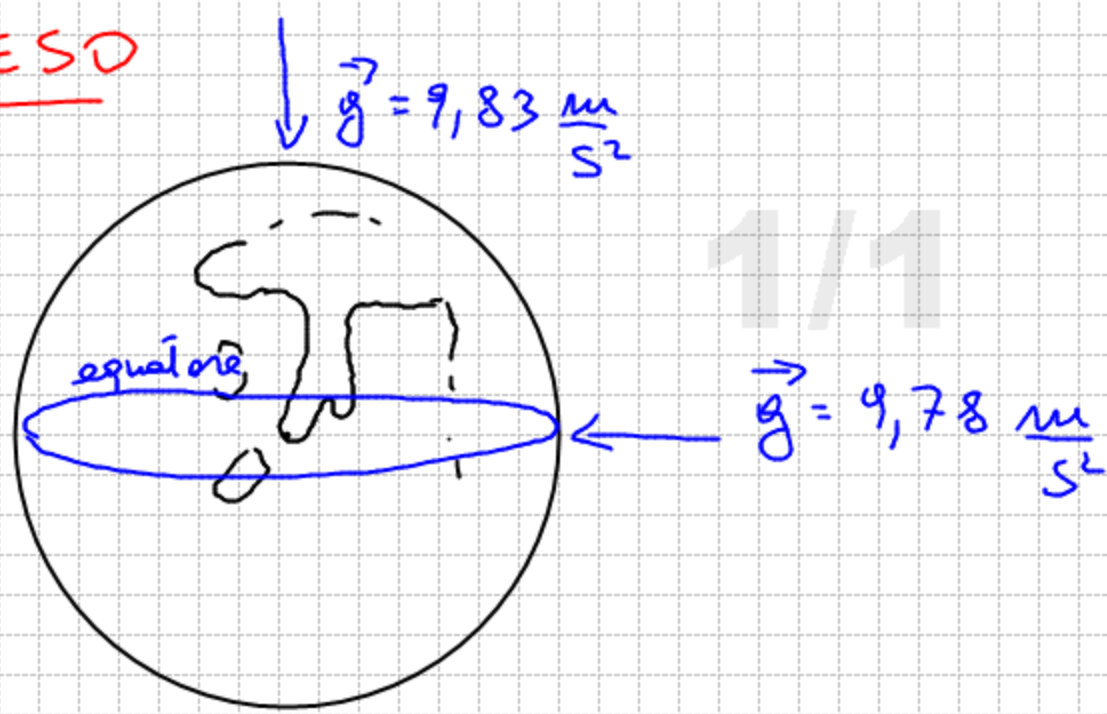


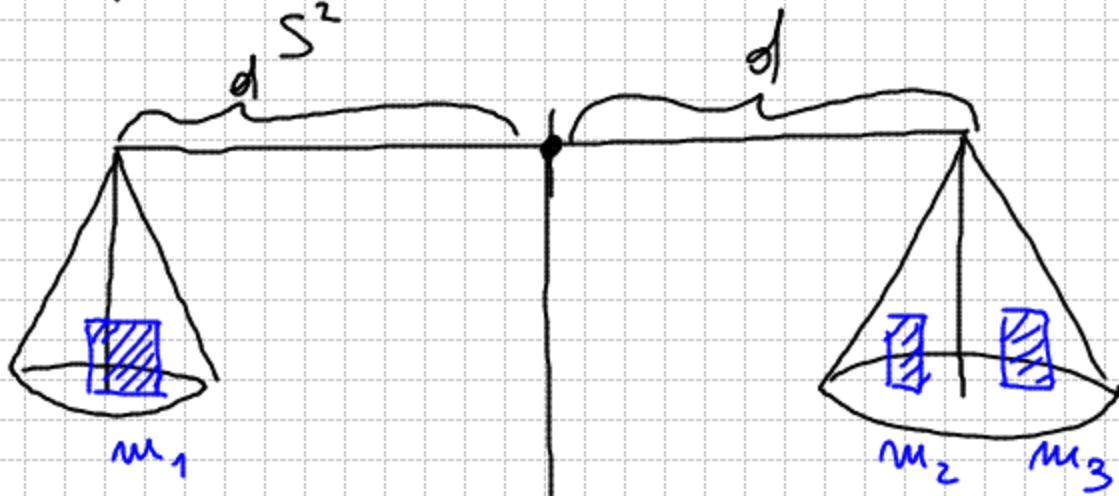
# FORZA PESO



1/1

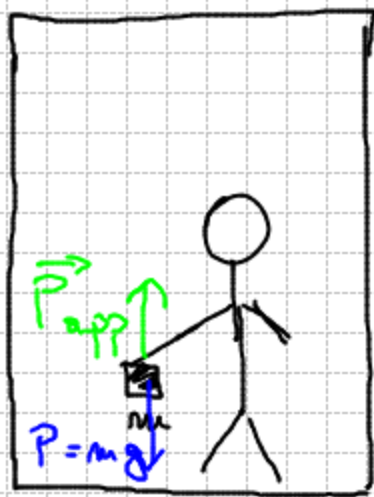
$$\vec{P} = m \vec{g}$$

$$g = 9,81 \frac{m}{s^2}$$

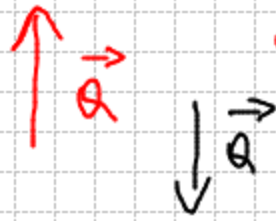


$$m_1 g = m_2 g + m_3 g$$

## ESEMPIO DI PESO APPARENTE



ascensore che parte con accelerazione diretta verso l'alto.



ASCENSORE CHE SALE

$$P_{app} - P = m a$$

$$P_{app} = P + m a$$

$$P_{app} = m g + m a \Rightarrow P_{app} = m (g + a)$$

$$P_{app} > m g$$

ASCENSORE CHE SCENDE

$$P_{app} - m g = - m a$$

$$P_{app} = m (g - a)$$

$$P_{app} < m g$$