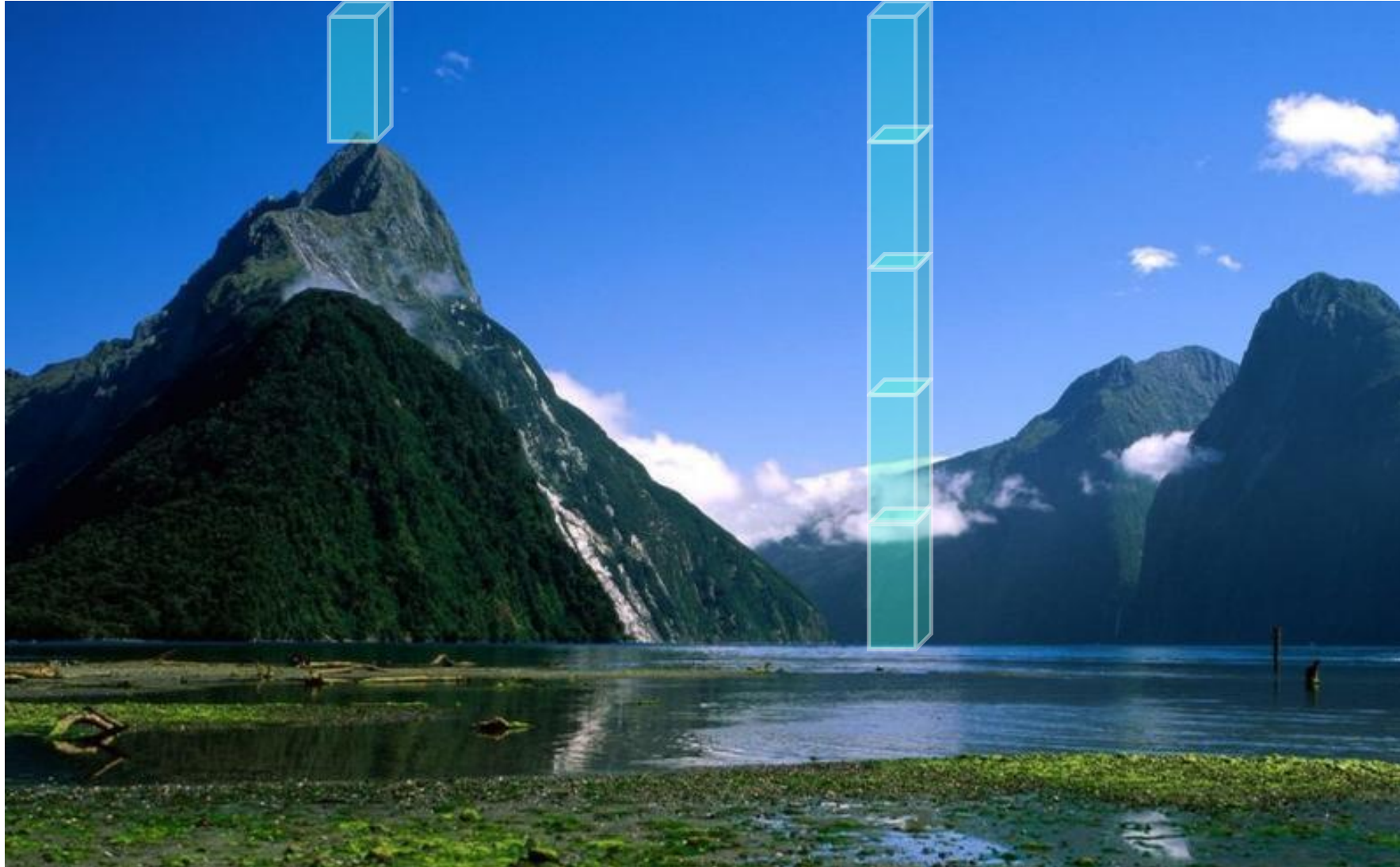


Vasos comunicantes

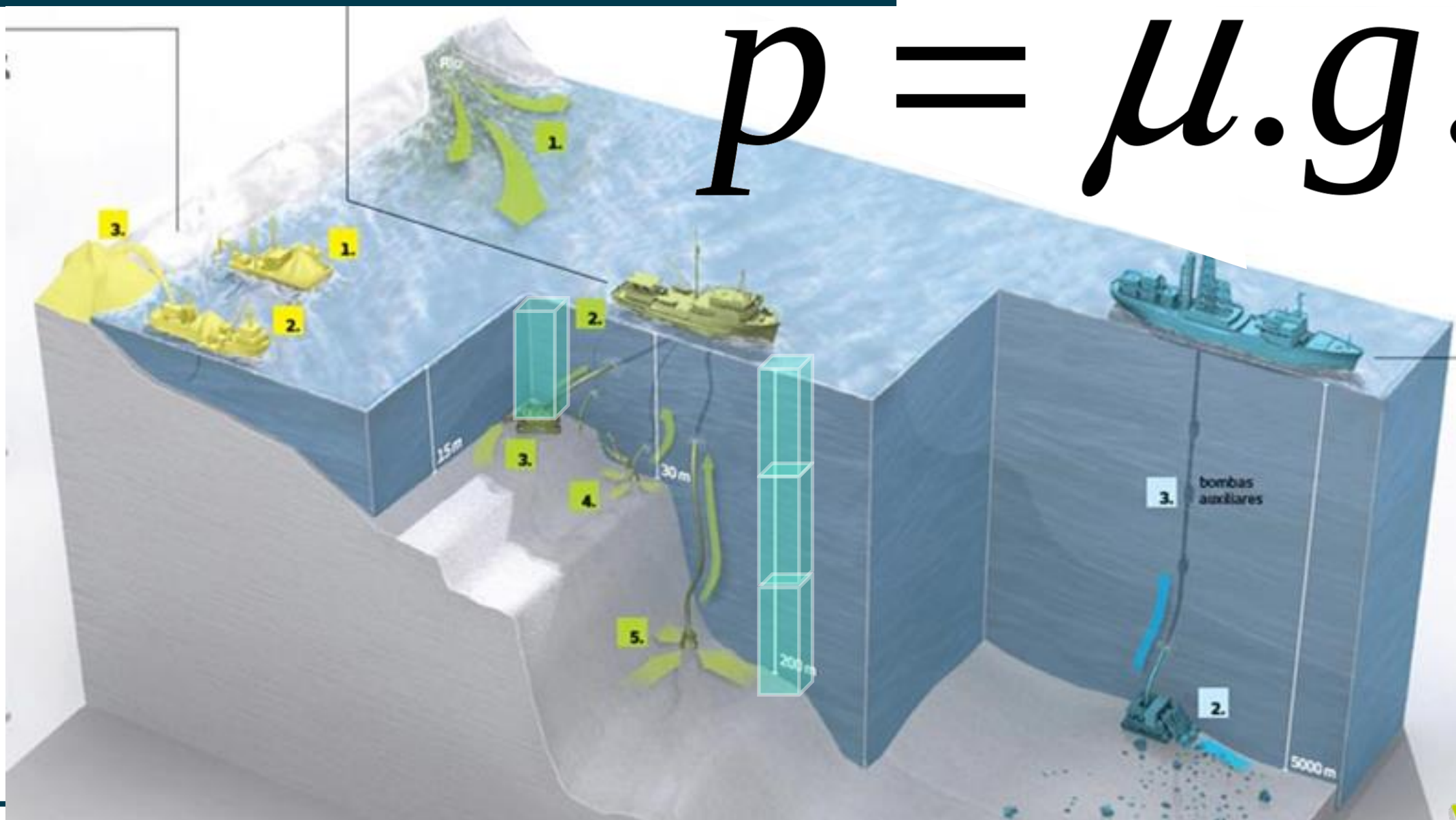
Prof. Jadoski
Física

Pressão atmosférica

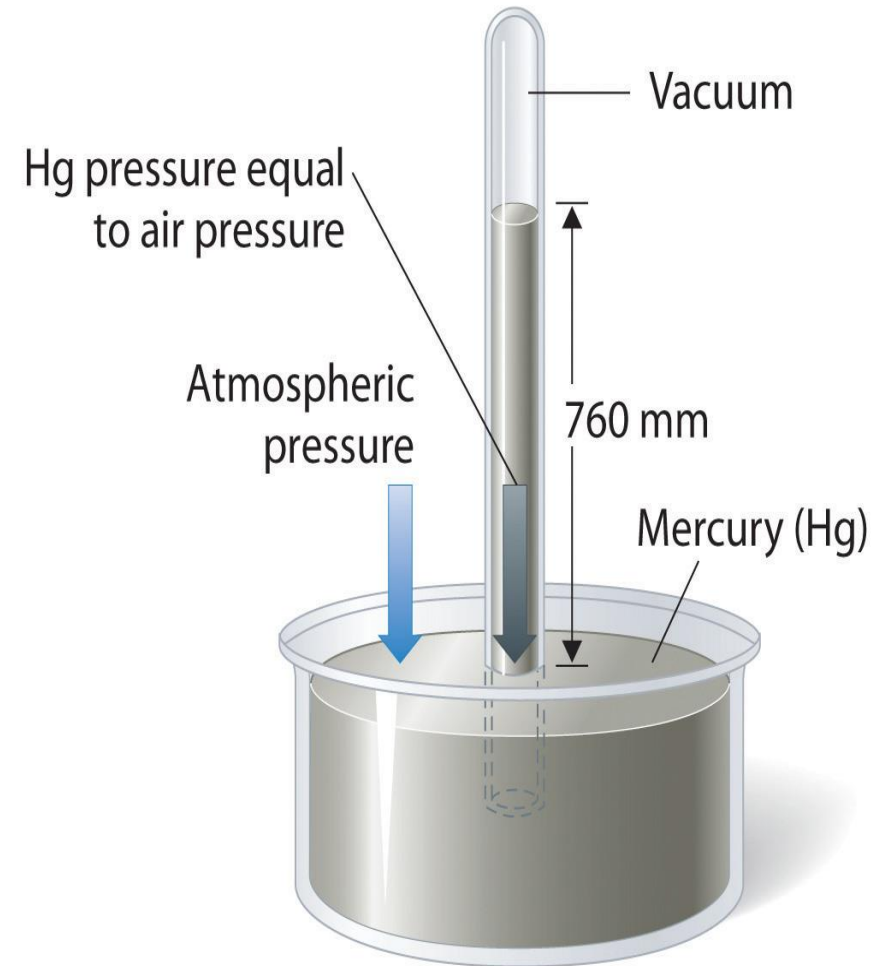


Princípio de Stevin

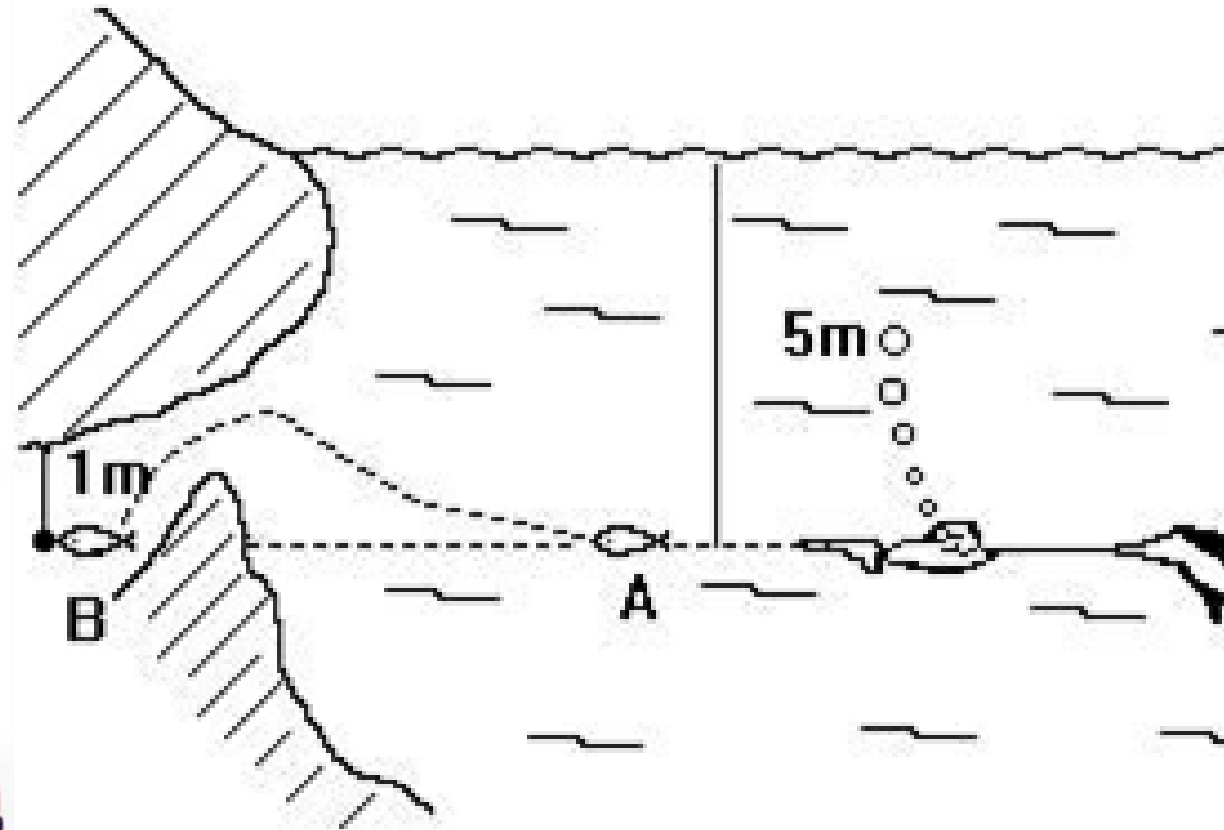
$$p = \mu \cdot g \cdot h$$



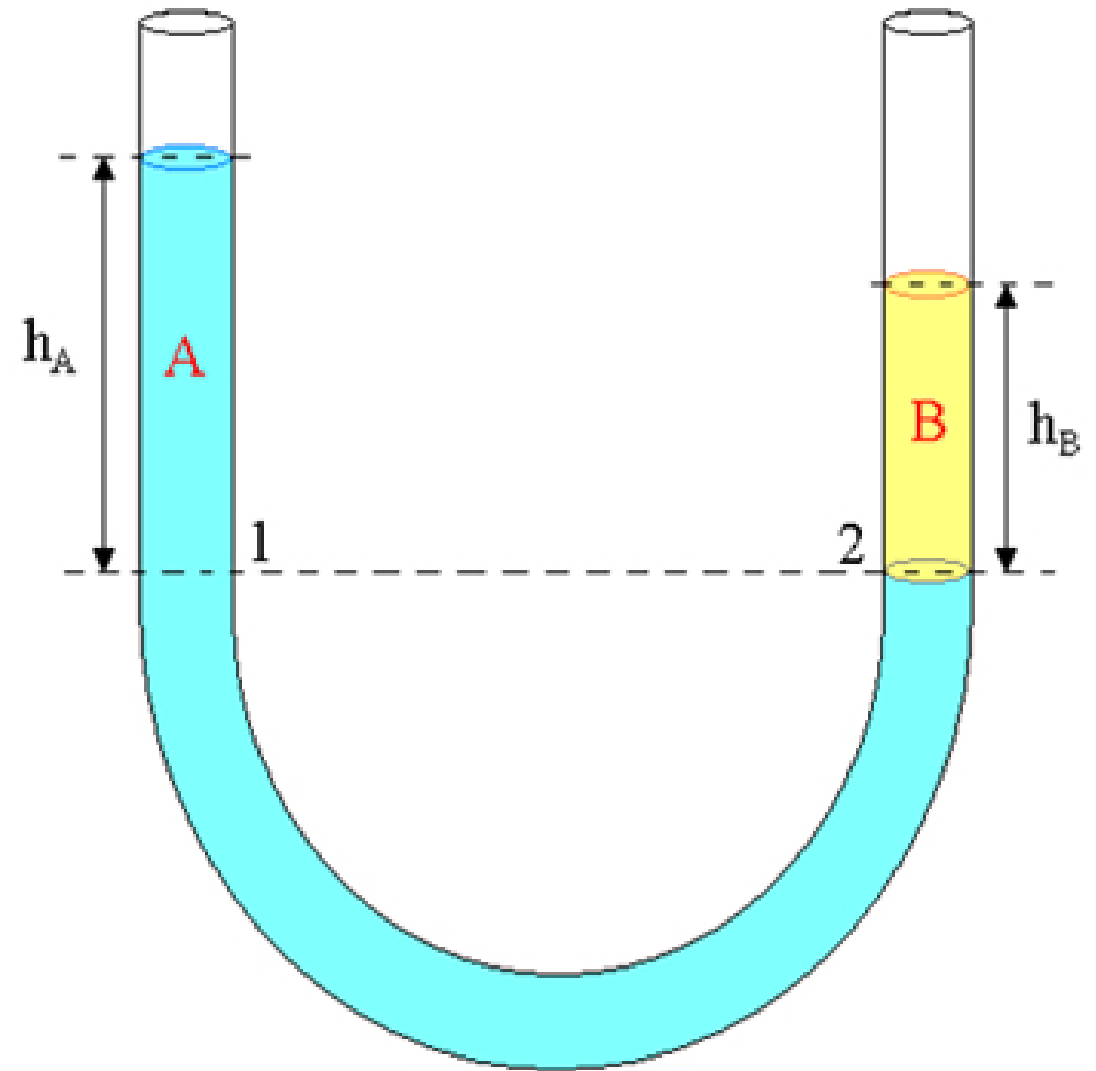
Torricelli



Vasos comunicantes



Pressão

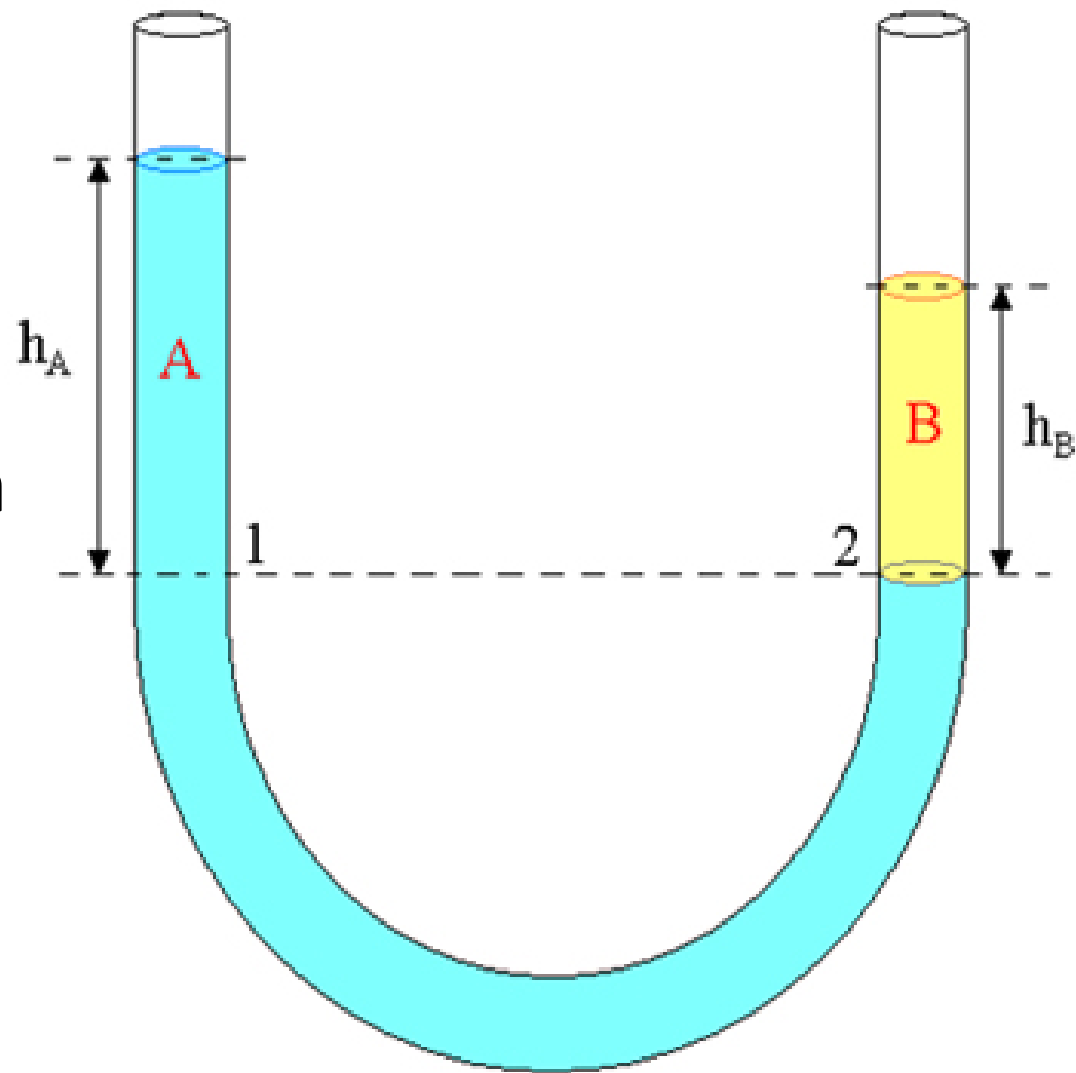


Pressão

$$P_1 = P_2$$

$$P_{\text{atm}} + d_1 \cdot g \cdot h_1 = d_2 \cdot g \cdot h_2 + P_{\text{atm}}$$

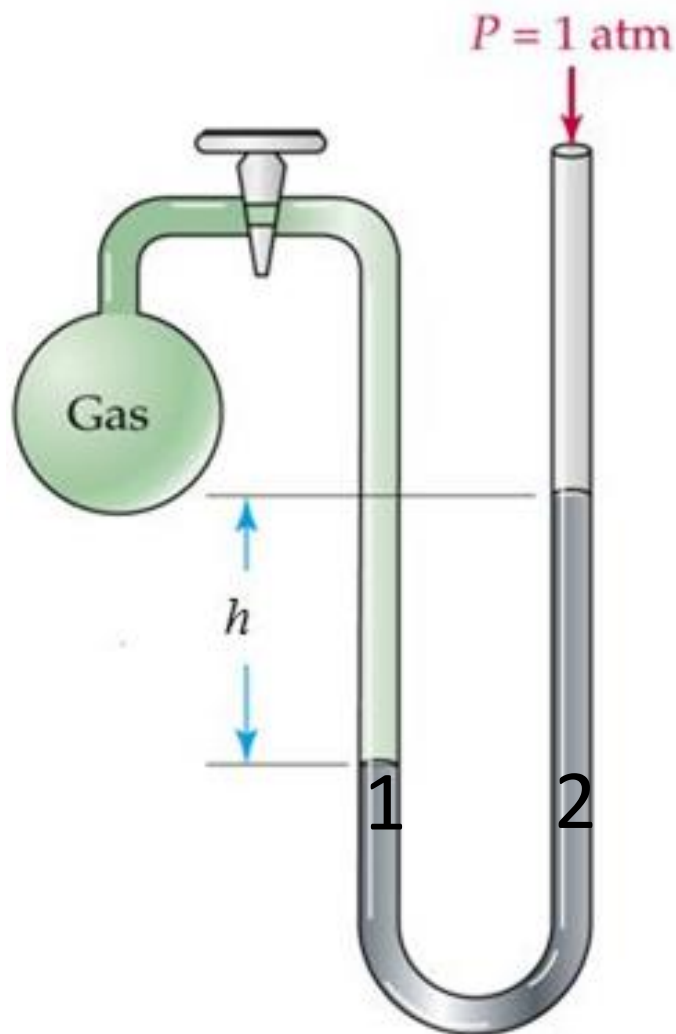
$$d_1 \cdot h_1 = d_2 \cdot h_2$$



Pressão – manômetro (aberto)

$$P_1 = P_2$$

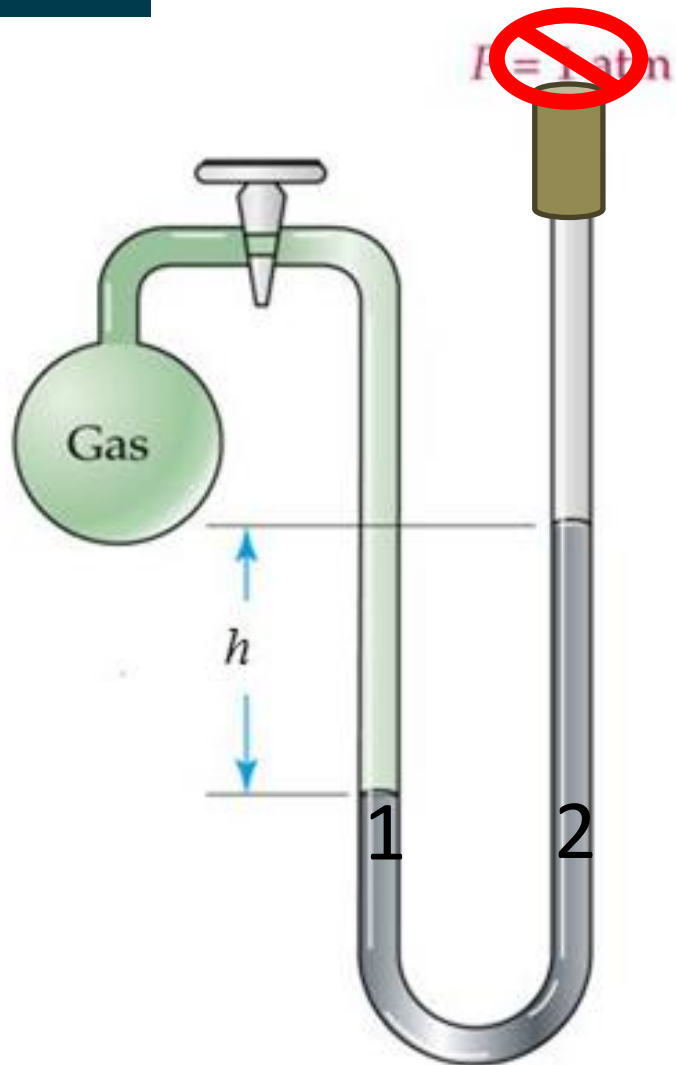
$$P_{\text{gás}} = d_2 \cdot g \cdot h_2 + P_{\text{atm}}$$



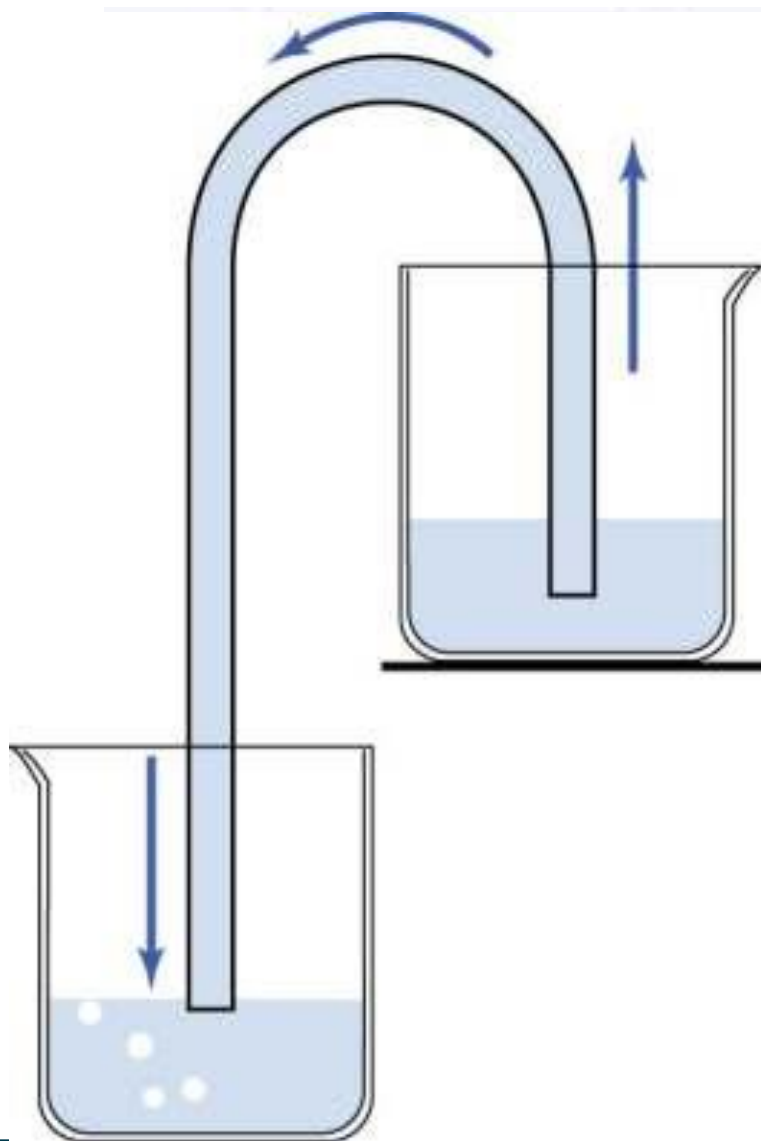
Pressão – manômetro (fechado)

$$P_1 = P_2$$

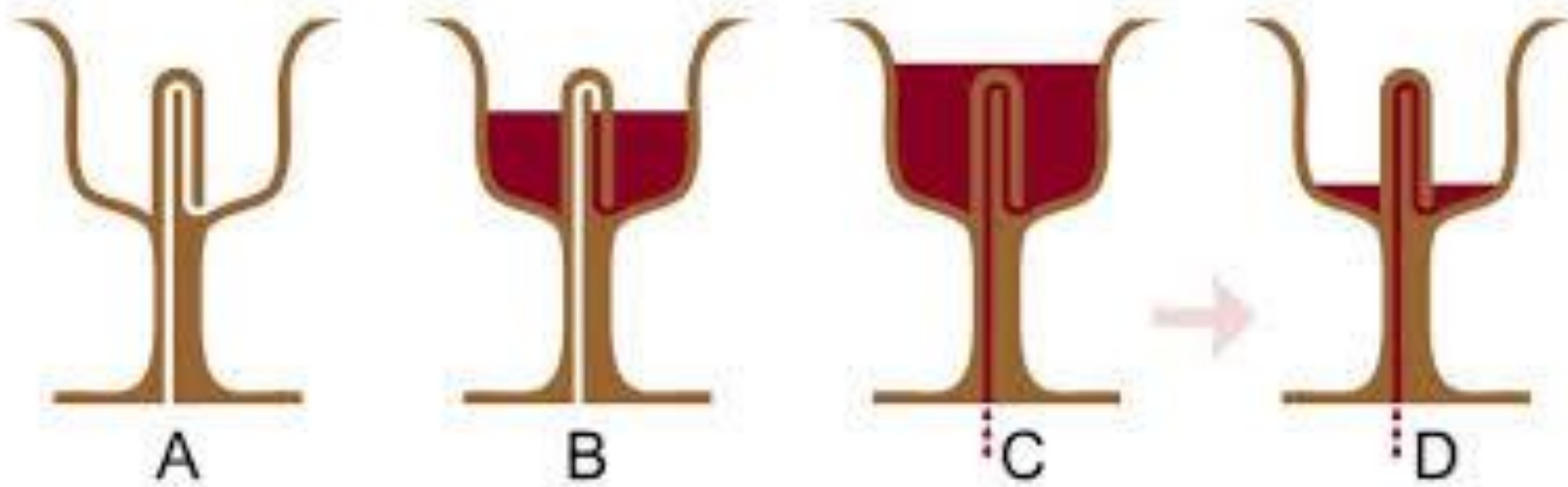
$$P_{\text{gás}} = d_2 \cdot g \cdot h_2$$



Sifão



Sifão – copo de Pitágoras



Vasos comunicantes

Prof. Jadoski
Física