

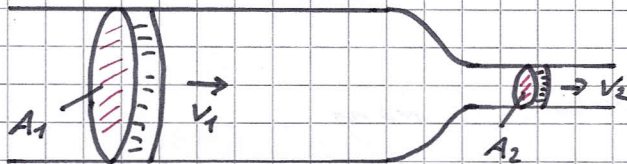
Kompressionsmodul

$$k = \frac{p}{\frac{\Delta V}{V}} \quad p = \frac{F}{A}$$

$$\kappa = \frac{\Delta V}{V}$$

Pascalsches Prinzip

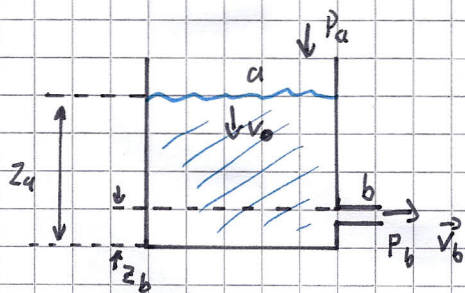
Druckanstieg ist an allen Punkten gleich groß.



$$V = \frac{dV}{dt} = v \cdot A = \text{const.}$$



$$p + \frac{1}{2} \rho v^2 + \rho \cdot g \cdot h$$



$$v = \sqrt{2g(z_a - z_b)}$$