





FA + P + Fel = 0 EQUILIBRID : Fa-P-Fel = 0 => Sho Vinn g- gVg - KAx = 0 2 ep 2 resputs of do + Dx + him = h Ly Vinn = m R 2 him ! VIJED >>> VB (innalesmento liv. acqua trascurable)  $\int \mathcal{S}_{Ho} V_{HH} \mathcal{S} - \mathcal{S}_{0} \mathcal{S}_{0} - \mathcal{K}_{0} \mathcal{X} = 0$   $\int \mathcal{S}_{Ho} V_{HH} \mathcal{S}_{0} - \mathcal{S}_{0} \mathcal{S}_{0} - \mathcal{K}_{0} \mathcal{X}_{0} = 0$   $\int \mathcal{S}_{Ho} V_{HH} \mathcal{S}_{0} - \mathcal{S}_{0} \mathcal{S}_{0} + \mathcal{S}_{0} \mathcal{S}_{0} \mathcal{S}_{0} \mathcal{S}_{0} + \mathcal{S}_{0} \mathcal$ => VINM = TR2 [K(h-do) + gg VB] = [m3]  $\Rightarrow V_{\text{IMM}} (\%) = \frac{V_{\text{HM}}}{V_{\text{B}}} = 82, 6\%$   $\ell(\pi R^2 f_{H_20} + 4)$ C) ? VIHH(%) so h' = 4 m Santo la VIMM (%) = 108 % il bidone è interamente sommerso: VIMM = 100 % L = 10 cm  $Slepno = 0,5 \text{ kg/dm}^3$ 5)  $\overrightarrow{F}_{RS} = 0 = \overrightarrow{F}_A + \overrightarrow{P} \Rightarrow S_1 L^3 = S_{H_2O} V_{IMM}$ EQUILIBRID : ⇒ VIMM = SL 23 + IMMERSIONE  $\Delta x$ :  $\vec{F}_{RS} \neq 0 = \vec{F}_{L} \vec{a} = \vec{F}_{L} + \vec{P}$ > 9,23p - 94,0 Vinn g = ma ; Vinn = Vinn p + ×22

$$\Rightarrow V_{iny} = L^{2} \left( \frac{g_{L}}{g_{nc}} + X \right)$$

$$\Rightarrow g_{L} L^{2} g - g_{in} g_{L}^{2} \int_{g_{nc}} + X \right] = g_{L} L^{2} a \qquad ; \quad \alpha = \frac{d^{2}x}{dt^{2}}$$

$$\Rightarrow \frac{d^{2}x}{dt^{2}} = g - \frac{g_{L} L^{2}}{g_{L} L^{2}} - \frac{g_{L} g_{L} L^{2}}{g_{L} L^{2}} \Rightarrow \frac{d^{2}x}{dt^{2}} + \frac{g_{L} g_{L}^{2}}{g_{L} L^{2}} \times = 0 \Rightarrow \frac{d^{2}x}{dt^{2}} + u^{2}x = 0$$

$$\Rightarrow \frac{d^{2}x}{dt^{2}} = g - \frac{g_{L} L^{2}}{g_{L} L^{2}} - \frac{g_{L} g_{L} L^{2}}{g_{L} L^{2}} \times = 0 \Rightarrow \frac{d^{2}x}{dt^{2}} + u^{2}x = 0$$

$$\Rightarrow \frac{d^{2}x}{g_{L} L^{2}} = g - \frac{g_{L} L^{2}}{g_{L} L^{2}} \times = 0 \Rightarrow \frac{d^{2}x}{g_{L} L^{2}} \times =$$