

$$d = 7.9 \times 10^3 \text{ kg/m}^3$$

 $2R = 18 \text{ mm}$

$$V = \frac{4}{3} \pi \pi^{3} \Rightarrow F_{\rho} = m g = dV_{g} = (7,9 \times 10^{3} \frac{\kappa_{g}}{m^{3}}) \cdot \frac{4}{3} \pi x (0,0090 \text{ m})^{3}.$$

$$(9,8 \frac{N}{\kappa_{g}}) \approx [2,4 \times 10^{-1} \text{ N}]$$

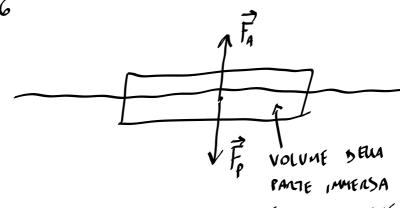
2) SPINTA DI ARGIMEDE

$$F_{A} = \frac{dV}{dV} = \left(10^{3} \frac{k_{eV}}{m^{3}}\right) \cdot \frac{4}{3} \pi \cdot \left(0,0050 \text{ m}\right)^{3} \cdot \left(9,8 \frac{N}{k_{eV}}\right) = 3,0 \times 10^{-2} \text{ N}$$

$$DENSITA$$

$$DENSITA$$

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m = 62 Kg/

dy,0= 1025 kg

MTERVIENE NEW SPIMA DI ARMINEDE

Per esseri equilibris dere essere

$$\overline{F}_{\rho} = F_{A}$$

me of = of . V. of volume pain pante mulkin

$$V = \frac{m}{d_{420}} = \frac{62 \text{ kg}}{1025 \text{ kg}} = 0,060487... \text{ m}^3 \approx 6,0 \times 10^{-2} \text{ m}^3$$

$$d_g = 917 \frac{k_g}{m^3}$$

$$d_a = 1000 \frac{k_g}{m^3}$$

From
$$S = F_A$$
 volume party

 $S = F_A$ volume party

PENCENTUALE EMENSA

$$\frac{V_{\lambda}^{'}}{V_{707}} = \frac{d_{8}}{d_{a}} = \frac{917}{1025} \simeq 0,89 \Longrightarrow \frac{\text{EMENGE}}{\text{DI PIC !!!}}$$