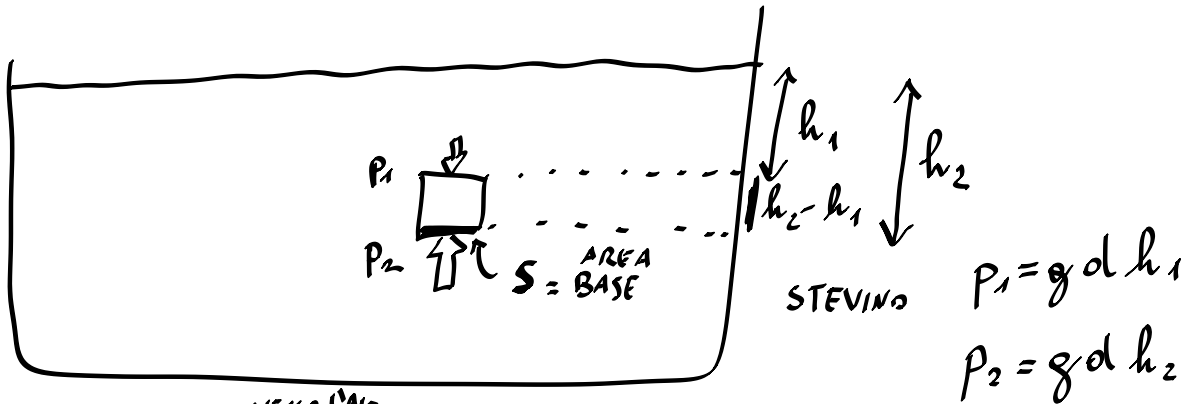


# DIMOSTRAZIONE DEL PRINCIPIO DI ARCHIMEDE (CENNO)



VEASO CALCO

$$F_A = p_2 S - p_1 S = S(p_2 - p_1) =$$

$$= S(\rho d h_2 - \rho d h_1) =$$

$$S(h_2 - h_1) = \underset{\substack{\uparrow \\ \text{VOLUME}}}{V}$$

$$= S \rho d (h_2 - h_1) = \rho d V$$