Chap. 2, p. 17 Pressure the same at one level, otherwise One fluid element would wove. Bat that's forbidden. additional meighorings Jorce to compensate additional weight.

Chap 1, p. 22 Sweler A. H Mkiste = Sbody VK => FF = 9 Mkiste Budyancy force: We need the volume of the displaced water: $V_{k} = A \cdot (H - h)$ to = 9 Swater · Vic Ploating: FG = TB p.t.o.

MKg = g Swater VK Shaly 'VK = Swater A (H-h) Study A.H = Swafe A (H-h) Sbody H - Swater H = Swater (-h) $\frac{S\omega - Sb}{S\omega} H = h$

