



μ
μ

μ μ

(μ 2009
11-05-2009)

I

μ 1

μ

$p = xy + (x + z^2) + 10 \text{ kPa}$

μ μ

$\vec{n} = 0.95\vec{i} + 0.32\vec{j} \text{ m}$

$x = 10\text{m}, y = 3\text{m}, z = 4\text{m};$

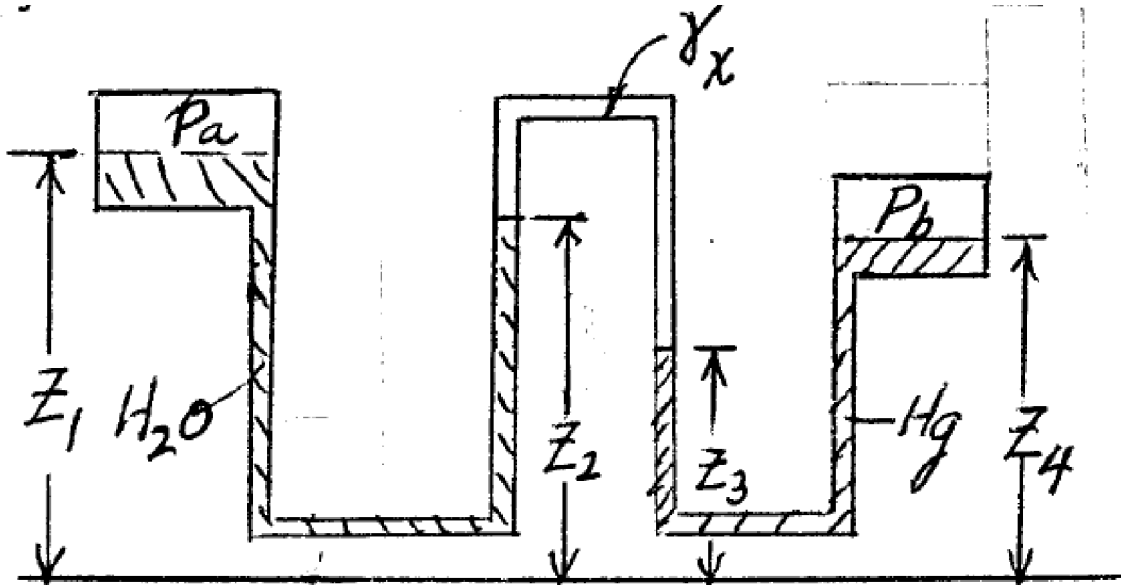
μ 2

μ

$p_a - p_b = 7000 \text{ Pa} \quad z_1 = 0.9\text{m},$

$z_2 = 0.76\text{m}, z_3 = 0.66\text{m}, z_4 = 0.74\text{m},$

x.



μ 3

μ

μ 600m μ μ
kPa.

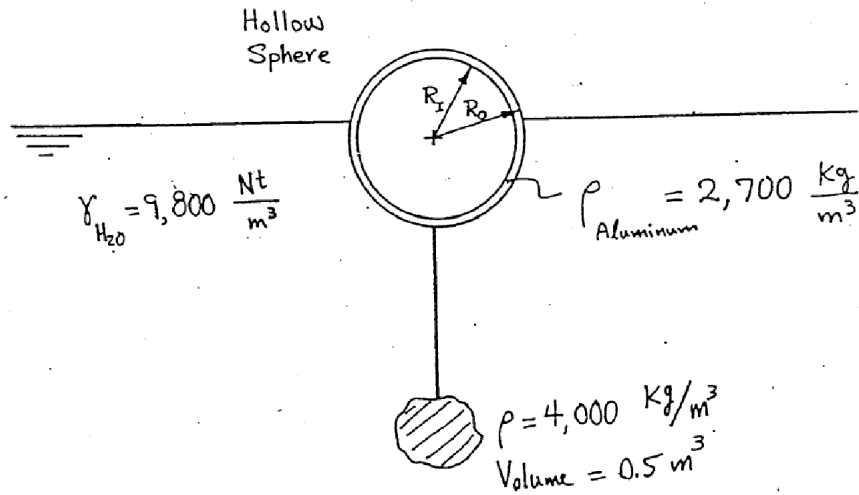
100

μ 7

2700 kg/m³, 1 cm, 1.01 m, 4000 kg/m³, 0.5 m³.

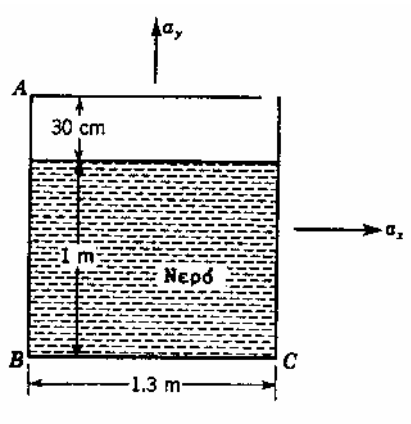
a)

b)



μ 8

$a_x = 9.806 m/s^2, a_y = 0 m/s^2$.



μ 9

μ
 $\omega = 5 \text{ rad/s}$.

μ

μ

, A_1, A_2, A_3

μ

