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Τμήμα Δασολογίας και Διαχείρισης Περιβάλλοντος και Φυσικών Πόρων
Εργαστήριο Διευθέτησης Ορεινών Υδάτων και Διαχείρισης Κινδύνου

$$\frac{\mu}{2 \mu} \quad 1$$

2 μ.

3 μ.

μ

μ

μ

$$P_A = 1 \text{ (tn/m}^3\text{)} * 2 \text{ (m)} = 2 \text{ (tn/m}^2\text{)}$$

$$P_B = 0$$

μ

μ

μ

1 μ.

μ

$$P = \frac{1}{2} * P_A * h = \frac{1}{2} * 2 * 2 = 2 \text{ (tn/m}^2\text{)}$$

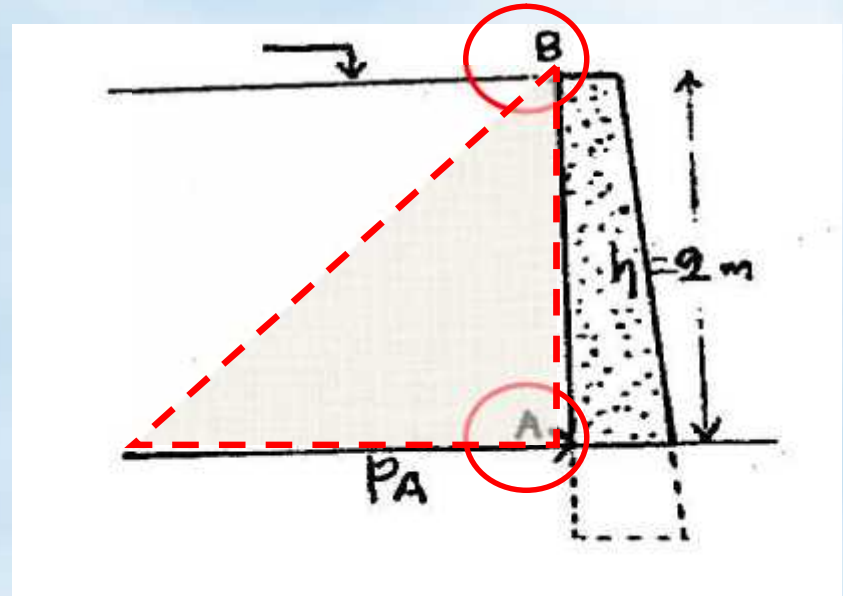
μ

μ

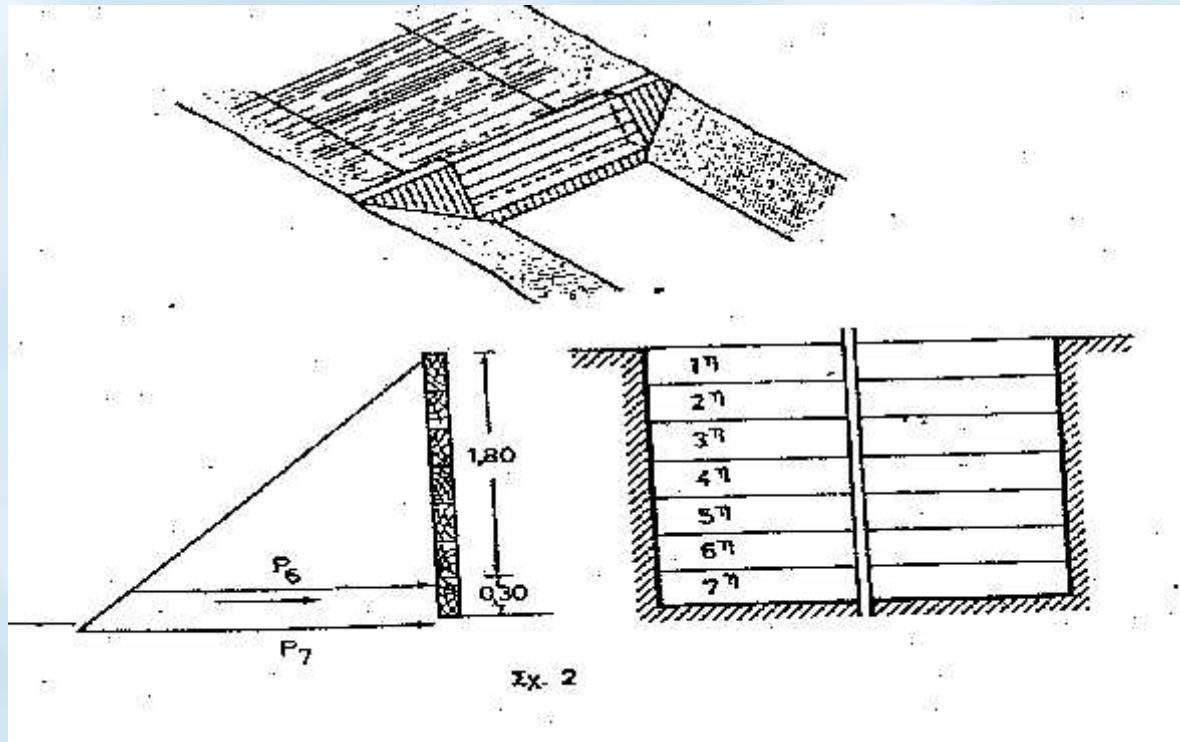
$$P = 3 * 2 = 6 \text{ (tn/m}^2\text{)}$$

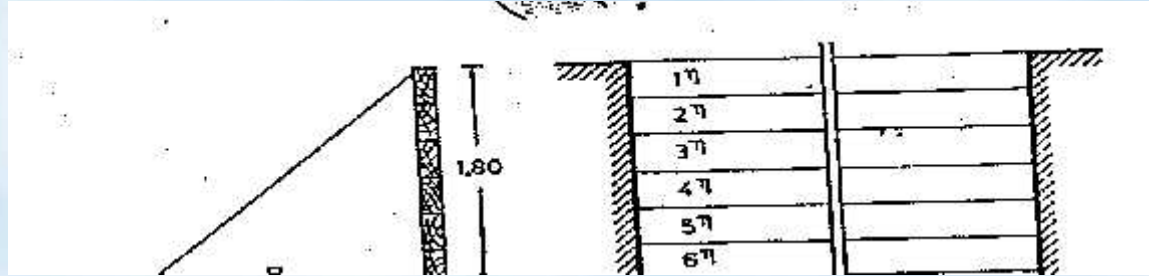
$$P = \gamma * b * \left(\frac{h^2}{2}\right) = 1 * 3 * \left(\frac{2^2}{2}\right)$$

b =



μ 2
 μ μ μ μ
 $0,30 \mu.$ $2,10 \mu.$ $5,00 \mu.$
 μ μ μ
 $=1,5 \text{ tm}$ μ μ





$$\mu \quad 7 \quad : P_6 = 1 * h = 1 * 1.80 = 1,80 \text{ t/m}^2$$

$$\mu \quad 7 \quad : P_7 = 1 * h = 1 * 2.10 = 2.10 \text{ t/m}^2$$

μ

7

μ

$$P = \frac{P_6 + P_7}{2} * h = \frac{1.80 + 2.10}{2} * 0.30 = 0.585$$

μ

:

$$M = \frac{P * l^2}{8} = \frac{0.585 * 5^2}{8} = 1.83 \text{ tm} > 1.5$$

$P =$

μ

& $l =$

μ

.



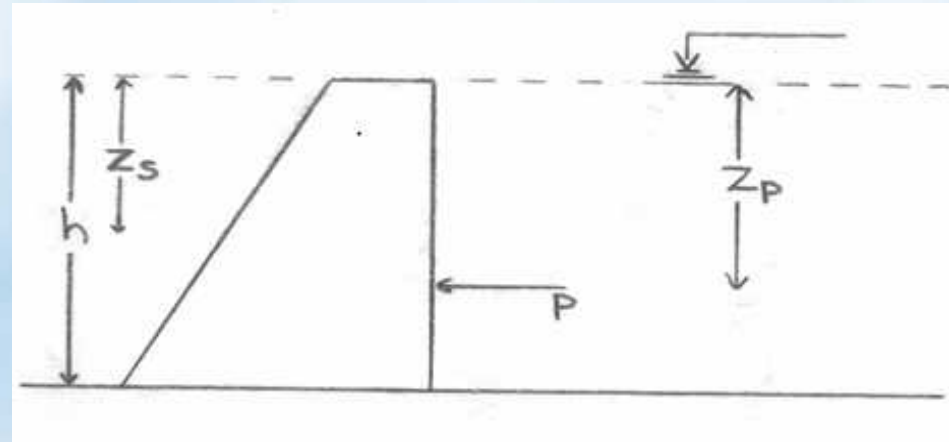
$$\frac{\mu}{3}$$

$$\mu \cdot h = 4 \mu$$

$$10 \text{ m,} \\ = 1 \text{ t/m}^3$$

$$z =$$

$$: P = \mu \cdot z \text{ (t/m}^2\text{)}$$



$$: P = \frac{1}{2} \mu \cdot b \cdot h^2$$

$$: h = \sqrt{\frac{2P}{\mu \cdot b}} \text{ (m)}$$

$$b = \frac{2P}{\mu \cdot h^2} \text{ (m}^2\text{)}$$

$$: z_p = \frac{2}{3} h \text{ (m)}$$



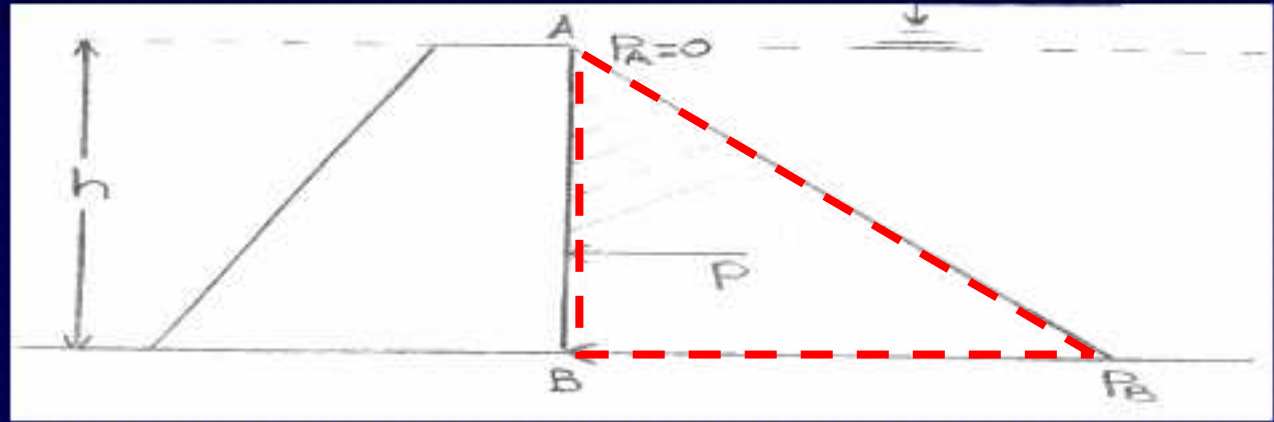
μ :

$$\mu : P = 1 * 10 * \frac{4^2}{2} = 80tn$$

$$\mu \quad \mu : z_p = \frac{2}{3} * 4 = 2.67m$$



ΓΡΑΦΙΚΗ ΕΠΙΛΥΣΗ:



$$P_A = 0$$

$$P_B = 1 \cdot h = 1 \cdot 4 = 4 \text{ t/m}^2$$

$$P_{AB} = \frac{1}{2} * P_B * h = \frac{1}{2} * 4 * 4 = 8 \text{ t / m}$$

$$P = P_{AB} * b = 8 * 10 = 80 \text{ t}$$

$$z_p = \frac{2}{3} h = \frac{2}{3} * 4 = 2,67 \text{ m.}$$

