

ΕΝΔΕΙΚΤΙΚΕΣ ΑΠΑΝΤΗΣΕΙΣ

ΘΕΜΑ 4^ο

$$\alpha) M = F \cdot d \Rightarrow d = \frac{M}{F} \Rightarrow d = \frac{764 \text{ N}\cdot\text{m}}{8.000 \text{ N}} \Rightarrow d = 0,0955 \text{ m}$$

$$\beta) \eta\mu\varphi = \sin\varphi = \sin 11^\circ = \frac{d}{L} \Rightarrow L = \frac{d}{\sin 11^\circ} = \frac{0,0955 \text{ m}}{0,191} \Rightarrow L = 0,5 \text{ m}$$