

ΕΝΔΕΙΚΤΙΚΕΣ ΑΠΑΝΤΗΣΕΙΣ

Θέμα 4^ο

4.1

$$\eta = \frac{P_{\varepsilon\xi}}{P_{\varepsilon\iota\sigma}} \Rightarrow \frac{40}{50} = 0,8 = 80\%$$

4.2

$$P_{\alpha\pi} = P_{\varepsilon\iota\sigma} - P_{\varepsilon\xi} = 50 - 40 = 10KW$$

$$P_{\alpha\pi} = P_{\sigma\tau\alpha\theta} + P_{\mu\epsilon\tau} \Rightarrow P_{\mu\epsilon\tau} = P_{\alpha\pi} - P_{\sigma\tau\alpha\theta} = 10 - 6 = 4KW$$