

ΕΝΔΕΙΚΤΙΚΕΣ ΑΠΑΝΤΗΣΕΙΣ

Θέμα 4°

$$\varepsilon\% = \frac{U_o - U_N}{U_N} * 100 \Rightarrow 10 = \frac{220 - U_N}{U_N} * 100 \Rightarrow 10 * U_N = (220 - U_N) * 100 \Rightarrow$$

$$\frac{10 * U_N}{10} = \frac{(220 - U_N) * 100}{10} \Rightarrow U_N = (220 - U_N) * 10 \Rightarrow$$

$$U_N = 2200 - 10 * U_N \Rightarrow 11 * U_N = 2200 \Rightarrow U_N = \frac{2200}{11} = 200V$$