

Str. 125/úloha 640

$$N_1 = 3000 \text{ z}$$

$$U_1 = 220 \text{ V}$$

$$N_2 = 900 \text{ z}$$

$$U_2 = ? \text{ [V]}$$

$$\mu = \frac{N_2}{N_1}$$

$$\boxed{\mu = \frac{U_2}{U_1}} \Rightarrow$$

$$U_2 = \mu \cdot U_1$$

$$\mu = \frac{900}{3000}$$

$$U_2 = 0,3 \cdot 220$$

$$\mu = 0,3$$

$$U_2 = 66 \text{ V}$$

$$\frac{N_2}{N_1} = \frac{U_2}{U_1}$$

$$U_2 = \frac{N_2}{N_1} \cdot U_1$$

$$U_2 = \frac{900}{3000} \cdot 220$$

$$U_2 = 66 \text{ V.}$$

Sekundárni napätí je 66 V.