



ИСПИТ ИЗ ОСНОВА ЕЛЕКТРОТЕХНИКЕ 1

02. 09. 2019. - Рјешења

1.

- a) $a = 5 \text{ cm}$,
б) $C = 11,13 \text{ pF}$,
 $U_{\text{pr max}} = 75 \text{ kV}$.

2.

$$F_z = 2,14 \text{ }\mu\text{N}.$$

3.

- a) $E_1 = 100 \text{ V}$,
 $E_2 = 60 \text{ V}$.
б) $\Delta I_A = 4 \text{ A}$,
 $\Delta U_V = 80 \text{ V}$.

4.

$$R_4 = 100 \text{ k}\Omega,$$
$$R_8 = 2/3 \text{ k}\Omega.$$