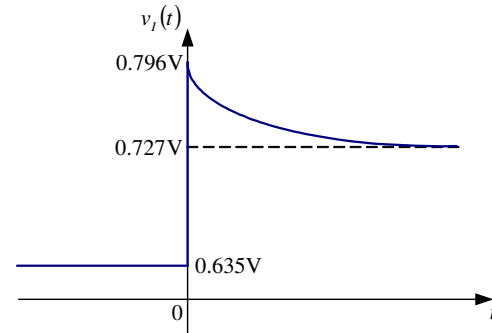


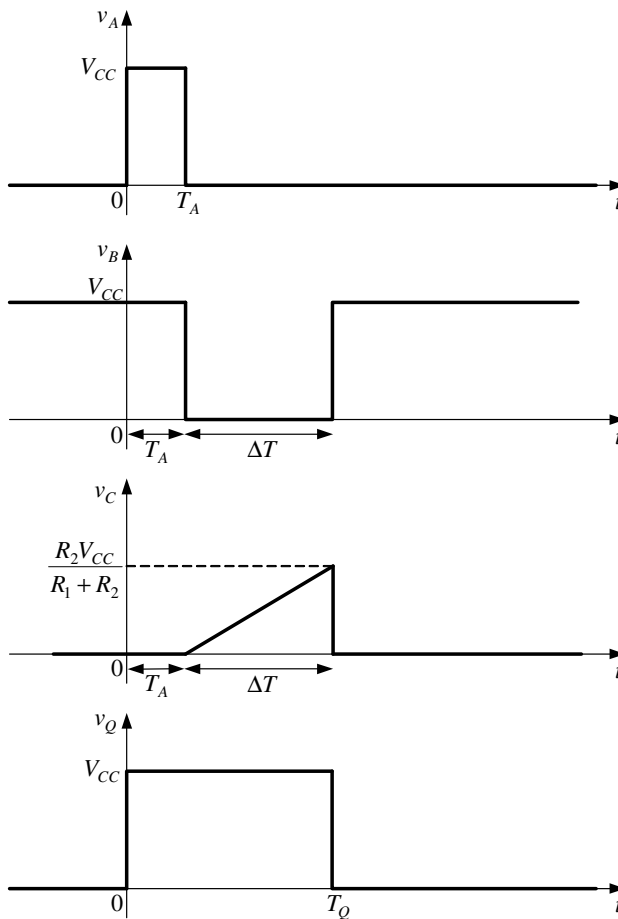
REŠENJA ZADATAKA

2.

$$v_I(t) = \begin{cases} 0.635\text{V} = \text{const}, & \text{za } t < 0 \\ 0.727\text{V} + 0.069\text{V} \cdot e^{-\frac{t}{118.44\mu\text{s}}}, & \text{za } t > 0 \end{cases}$$



4.



$$T_Q = T_A + \Delta T = T_A + \frac{R_2 V_{CC} C_1}{(R_1 + R_2) I_0}$$

6. $R_{b0} = -R_f \frac{|V_R|}{V_{\min}} = 2.04\text{k}\Omega$

$R_0 = 31.64\text{k}\Omega, R_1 = 15.32\text{k}\Omega, R_2 = 7.16\text{k}\Omega, R_3 = 3.08\text{k}\Omega, R_4 = 1.04\text{k}\Omega$