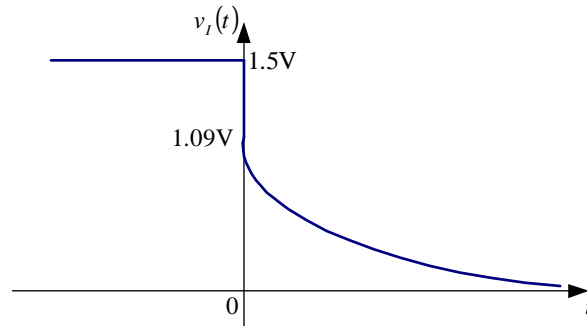


REŠENJA ZADATAKA

1. KOLOKVIJUM

2.

$$v_I(t) = \begin{cases} 1.5\text{V} = \text{const}, & \text{za } t < 0 \\ 1.09\text{V} \cdot e^{-\frac{t}{366.67\mu\text{s}}}, & \text{za } t > 0 \end{cases}$$



3. KOLOKVIJUM

2. a) Prekidač je zatvoren za $Q_i = 0$, a otvoren za $Q_i = 1$.b) $R_S = 0,95\text{k}\Omega$ $R_0 = 56\text{k}\Omega$ $R_1 = 26\text{k}\Omega$ $R_2 = 11\text{k}\Omega$ $R_3 = 3,5\text{k}\Omega$ c) $R_{bo} = 1,28\text{k}\Omega$ $V_{MAX} = 5,6\text{V}$ $V_{MIN} = -6,4\text{V}$