$$\frac{i(0) = \frac{U}{R} = \frac{6}{1000} = \frac{6mA}{1000}$$

$$\frac{U_{c}(0) = 0}{U_{R}(0) = U = 6V}$$

$$\frac{Ue(t) = U(1 - e^{-\frac{t}{2}}) = 6 \cdot (1 - e^{-5}) = 5,96V}{i(t) = \frac{U}{R}e^{-\frac{t}{2}} = \frac{6}{1000} \cdot e^{-5} = \frac{0,04mA}{0.04V}$$

$$\frac{Ue(t) = i(t) \cdot R = 0,04 \cdot 10^{-3} \cdot 1000 = 0,04V}{0.04V}$$

d) Wc ??

Zadatak 111.3.2.

a) 
$$7 = \frac{7}{R} = \frac{40 \cdot 10^{-3}}{200} = \frac{0.2 \text{ ms}}{200}$$

c) lst, URSt, ULSt =?

$$L_{st} = \frac{U}{R} = \frac{2}{200} = 10 \text{ mA}$$

Ust : OV

d) 
$$W_{L}=?$$
  $v$  stagonamom stanju  $W_{L}=\frac{L \cdot 1^{2}}{2}=\frac{40 \cdot 10^{-3} \cdot (10 \cdot 10^{-3})^{2}}{2}=\frac{2 \cdot 10^{-6}}{2}$