ima na šalab.  $U_c(t) = U_{cp} + \left(U_{ck} - U_{cp}\right)\left[1 - \exp\left(-\frac{t - t_p}{J}\right)\right]$ 

a) U12 na C 11+0, +=1, +=2, +=4; +=6 ms b) stace i elazoroj napone

R=5,6ka c=0,1 mt

4 C 2 C

nupon na kondenz.

(trebe vremene du se nabjé)

leo go can @ fer. hr

 $U_{G} = U_{G} \cdot \frac{1}{5} = \begin{cases} U_{TH} V_{isol} = 10 \\ U_{TH} V_{isol} = -10 \end{cases}$ 

Uiz (+=1) = 0.1611 → 42,

 $U(\frac{1}{2}(+=2)=0.910V$   $\longrightarrow$  U(22)

(U12 (d = 4) = 0.978 V → U124

1715 (4=e) = -010111 -> 11518

2ad ()

t=0 - Uco = 1,5V

J=R;c= 4480.0.0,1,4F=0448m3=J

(12 (t=0) = Uc (t=0) = Uco => |U12(t=0) = 1.5V

Wiz (+=4) = Uiz + ( UTH - Uizz) [1-exp (- 4ms-2ms)]

U12 (+=6) = U124 + (OV-U24) [1-exp (-6m3-4m3)]

Uiz (+=1) = Uc (+=1) = Uco + (ov - Uco) [1-exp (- 1ms-0)

U12 (+=2) = UC (+=2) = UCZ, + (UTH -U12,1)[1-exp(-2ms-1ms)]

MIS (F =0-) =01

$$U_{G_{\overline{V}}} = V_{G_{\overline{V}}} = V_{G$$

$$U_{0} = U_{0} - U_{0}$$

$$U_{12} = U_{0} \cdot \frac{R_{2}}{R_{1} + R_{2}} \Rightarrow U_{12} = \frac{3}{5} U_{R}$$

$$U_{12} = U_{0} \cdot \frac{R^{2}}{R_{1} + R_{2}} = \frac{3}{5} U_{R}$$

$$U_{C}(I_{-}) = U_{C}(O_{+}) + (U_{6}V - U_{C}(O_{+})) \left[ 1 - e \times p(-\frac{1ms - o}{J}) \right] \rightarrow U_{C}(I_{-}) = 3.161 V$$

$$U_{c}(1_{+}) = U_{c}(1_{-}) = 3 \cdot 161v$$
 $U_{c}(1_{+}) = 1.839V$ 
 $U_{g}(1_{+}) = 0v$ 
 $U_{12}(1_{-}) = 1.104V$ 
 $U_{K}(1_{+}) = -3.161v$ 

$$U_{12}(1_{-}) = 1,104V$$
  $U_{1}(1_{+}) = -3.161V$   $U_{12}(1_{+}) = -1.296V$ 

$$U_{\Gamma Z}(1_{\tau}) = -1.296 V$$

$$U_{C}(2-) = U_{C}(1+) + (U_{GN} - U_{C}(1+)) \left[1 - e \times p \left(-\frac{2ms - (ms)}{J}\right)\right] = \gamma U_{C}(2-) = 1.163 V$$

$$U_{G}(2-) = 0V$$

WR (2-) = -1.168V

$$J = Rul \cdot C = 7$$
  $J = lms$ 

$$U_{01} = U_{01} - U_{0}$$

$$U_{12} = U_{01} \cdot \frac{R_{2}}{R_{1} + R_{2}} = \frac{3}{5} U_{R}$$

$$\frac{u_{GN}}{u_{GN}} = \frac{u_{GN}}{u_{GN}} = \frac{u_$$

$$\frac{1}{2} = \frac{3}{3} + \frac{4}{3}$$

$$\frac{1}{2} = \frac{3}{3} + \frac{4}{3} + + \frac{4}$$

$$U_{c}(t=0_{-}) = 0V \qquad U_{c}(t=0_{+}) = 0V$$

$$U_{d}(t=0_{-}) = 0V \qquad U_{d}(t=0_{+}) = 5V$$

$$U_{d}(t=0_{-}) = 0V \qquad U_{d}(t=0_{+}) = 5V$$

. Uiz (+=0+) =3V

$$u_{4N}$$
 $u_{4N}$ 
 $u$