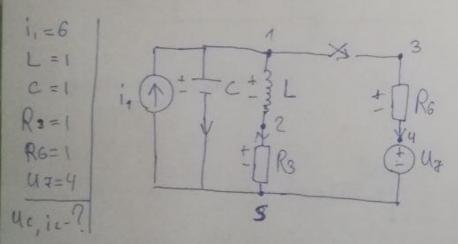
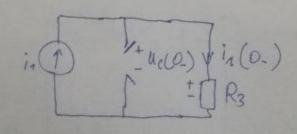
Bapuant 8

Non L=0 b gener zanswaemer (pazunyaemer) knor K. Nawnus wza bucunsue korowone genobus, coemalum ypalmenus coemagnur. Usa L>0 usunun uc u ir, uenarozobab ausymmunemae pemenue ypalmenum coemarnus, a maume racremee -no nemegy Itisepa. Zamen ucatrur U. a ic, aemanzobab ypab-kenus chozu, a rpobecmu rpobeprie neupenusin pezymmob (no BAX vanonumerei).

Gens: 151-UT, i=6; 212-L=1; 325-R3=1; 415-C=1; 634-R6=3; 534-R, zameraema; 345-UH 44=4.



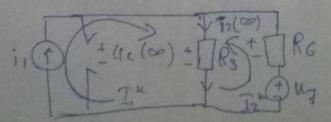
1) t=0 in(0:) = in=6A Uc(0-) = inR3=6B



2) +> 00 I.K= 1=6

R3I, 4 (R3+R6) Iz = 47

6+2I=4=>Iz =-1



3)
$$4>0$$

 $4<(0+)=4<(0-)=6$
 $1\cdot(0+)=1\cdot(0-)=6$

$$37\%$$
:
$$-ic + in - in + \frac{42}{R6} - ic = 0; \quad i_6 = \frac{4.9 - 439}{R6} = 4c$$

$$\begin{cases} u' = \frac{ic}{c} = -uc - ic + 10 \\ ic' = \frac{uc}{c} = uc - ic \end{cases}$$

$$\begin{vmatrix} -1-p & -1 \\ 1 & -1-p \end{vmatrix} = p^{2} + 2p + 2 = 0$$

$$\begin{vmatrix} 1 & -1-p \\ 0 & -1-2 & -1 \end{vmatrix}$$

$$\begin{vmatrix} 1 & -1-p \\ 0 & -1-2 & -1 \end{vmatrix}$$

$$\begin{vmatrix} 1 & -1-2 & -1 \\ 0 & -1-2 & -1 \end{vmatrix}$$

$$U_i'(0_+) = -u_i(0_+) - i_i(0_+) + 10 = -2$$

 $i_i'(0_+) = u_i(0_+) - i_i(0_+) + 10 = -2$

$$U_{c}(t) = u_{c}(\infty) + A_{1} e^{-t} \cos t + A_{2} e^{-t} \sin t$$
, too
 $u_{c}(0+) = 5 + A_{1} = 6 \Rightarrow A_{1} = 1$
 $U_{c}'(0+) = -A_{1} + A_{2} = -2 \Rightarrow A_{2} = -1$
 $U_{c}(t) = 5 + e^{-t} \cos t - e^{-t} \sin t$, too

$$1(t) = i(\infty) + B_1 \cdot e^{-t} \cos t + B_2 \cdot e^{-t} \sin t$$
, too
 $1(0+) = S + B_1 = 6 \Rightarrow B_1 = 1$
 $i(0+) = -B_1 + B_2 = 0 \Rightarrow B_2 = 1$
 $i(t) = S + e^{-t} \cdot \cos t + e^{-t} \cdot \sin t$, too

Uncreme pemerine

$$|u_{c}|^{2} = u_{c-i} + 10 \quad (|c(0+)| = 6)$$

$$|u_{c}|^{2} = u_{c-i} + 10 \quad (|c(0+)| = 6)$$

U cn = Uc(n-1) + At(-Uc(n-1) - i L(n-1) +10) in = i L(n-1) + At(Uc(n-1) - i L(n-1)) = - = = 10=> At===== = 0.20

(| Ucz = Uc1+0,2 (-Uc1-ic, +10) = 5,28 (ice = ic. +0,2 (Uc1-ic.) = 5,92 = 5,92

