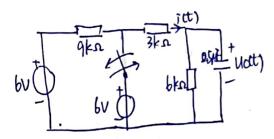
① t<0时略已福度. t=0时打开联S. t=8ms时合上S.或t>0时阿Uct)和it). 并画它们的变化曲线.



hず tite[0.8](ms)(10) 4V Ruks い成り(0+) - 3+6×b=4V. (3)前り(10-) (1-4k-0)

Uc(100) = 6 x b=20.

(3)成化、(两个电路飞石园)

RI=4k.asp=2x10多=2ms. 注解证

(4) 表达前.  $\frac{t}{12000}$  (0< t < 8 ms)  $\frac{1}{12}$  (0 < t < 8 ms)  $\frac{1}{12}$  (0 < t < 8 ms)  $\frac{1}{12}$  (0 < t < 8 ms)

G=ttg8ms.

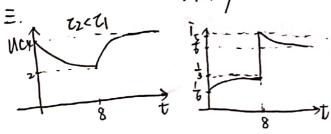
(1) \$\f\(\text{LC(8ms+)} = \forall \(\text{LC(8ms+)} = \forall \(\text{LC(8ms+)} = \forall \(\text{LC(8ms+)} = \forall \)

12) UC (b) = 0.5 ×10 2 ×103 1 RUC(b) = 4 V2 + 13 e 2407) 10 3

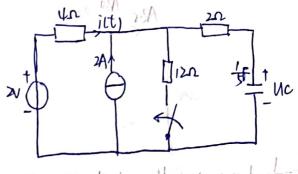
(3)(M) 72(t) - 10(t) = 0.3-0.2 e 2003.

Rz=2ka. 72=1ms.

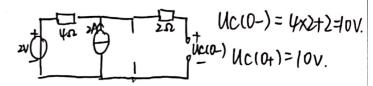
(4).表述剂  $\frac{1000t}{2} = \frac{1000t}{2} = \frac{1000}{2} = \frac{100$ 



①tro时电路BARE t=0时合上S、成UC-T.



局: 10 所(和 uc的)相同: 1 = b· = }

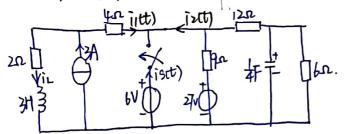


(2) 成以(2) 人  $U_{C}(D)$   $U_$ 

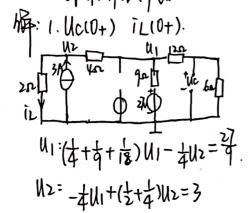
(3). 成础 飞(生)

Req=\$\(\text{ta}.\) \(\ta=1\)\$.

(4)  $V(t) = 7.5+42.5e^{-t} V (t \ge 0+)$   $V(t) = C \frac{duc}{dt} = -0.5e^{-t} A (t \ge 0+)$ V(t) = 2 - (2ic + uc) Bt20时电路积度.t=0时合上S.或ucit). illt).islt).

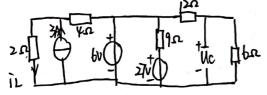


啊的如把姑娘的.



1. U1=12V. U2=8V. UC(0+)=4V. IL(0+)=4A.

2. NC(60). iL(60).



Uc(00)= 2V. iL(10)=3A.

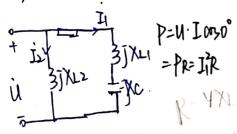
3. CC. CL.

4. Not)= 2+2e<sup>t</sup> v(t>0+) iL(t)=3+e<sup>-t</sup>.A(t>0+) is(t)=-i1(t)-i2(t).

$$i_1(t) = 3 - i_1(t)$$
.  
 $i_2(t) = \frac{27 - 6}{9} + 12 \cdot \frac{Uc - 6}{12}$ .  
 $i_3(t) = -\frac{2}{3}t e^{-2t} - \frac{1}{6}e^{-t}A(t)$ 

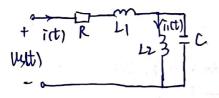
鞍碎琴如瓣落 验验

ØU=1∞V. 」=5A. 以滞后上531°. 且USI同相 已知XC=5XLI 以II 



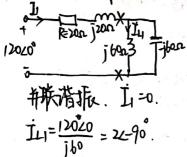
对上的胜办: 阻抗原的

Digti= 40+120/25inwt +bo/25in2wt. REMA. WLI= NOA. WLZ=60s. Wc=60s. 成门,江和孔.

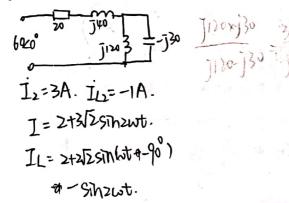


1. YOV作用. ixo = i Lo = 2A.

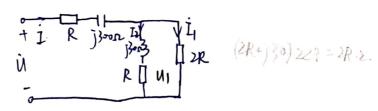
2.120559hwt作用.



3. 60/2 sinzest.



(b). I1=12=2A.



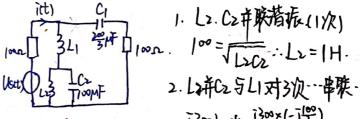
工与I支路上租抗相同、∴水=√R+3分、R=1013.几. 1/2 1 = 200 A. 1. U1 = 40/3 <0° A. I2 = 1/130 = 40/3 <0 ·I=I+Iz=3-j13=2132-30°A.

··N = (1053-)30). 252 2-30+ 41=80532-6°V. U=8055V. P=UI 039=8013. N3.03[-60-(-30)]= >405w. (転-晓梅相遠.

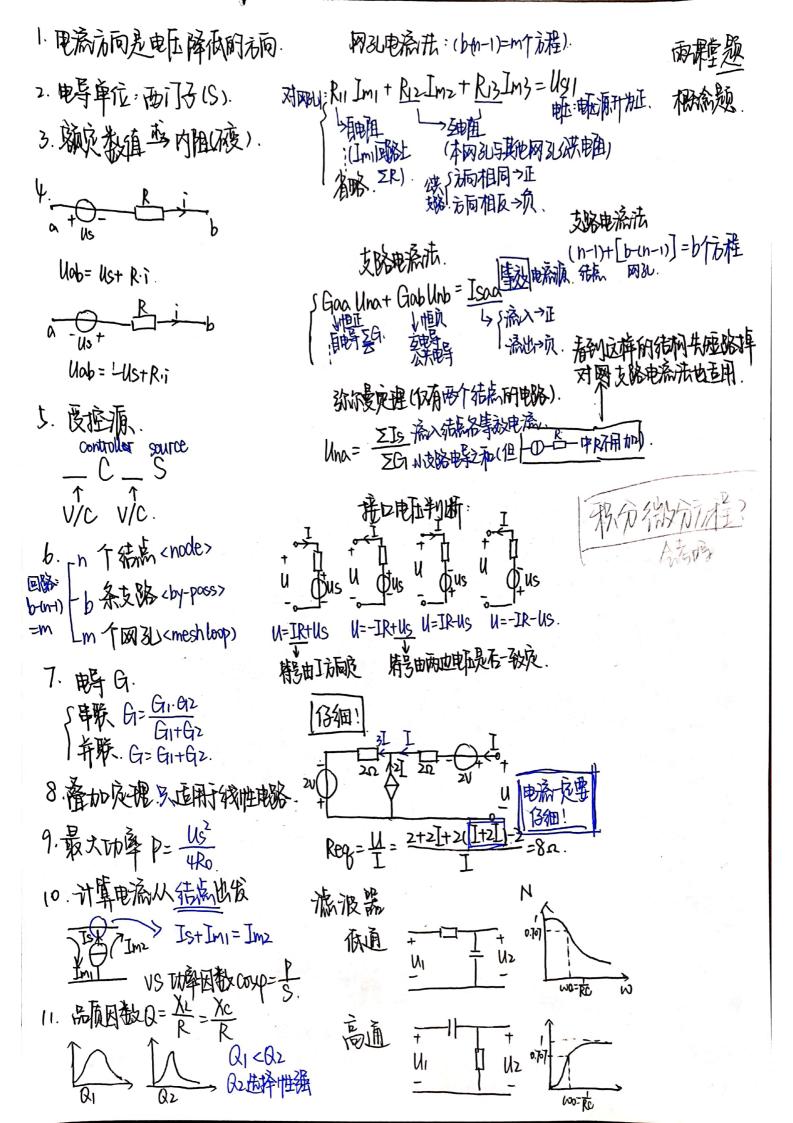
Q=UISING= 480 SIN(-30°)=-240 W.

の以は)=10+5のグラsin/oot+200sin3oot.若山中元

基波电流, CI S有基波电流,成山、Lz和itt).



100 x 10 x 200 1+ 25 5 in ( pot 36.9) +29 in 300t.



11. t=1: Uc衰成到0368 lb所需时间 13. 乙类从相关对价度进去的导致电阻。  $\begin{array}{c|c}
\hline
 & t=0+H^{2} \\
\hline
 & (R_{1}+R_{2})\cdot R_{3} \\
\hline
 & R_{3}+T \\
\hline
 & Req = (R_{1}+R_{2})+R_{3}
\end{array}$ 14.峄峄值:两峰值注:22最太值、 15. P=<u>UI</u> 004 上放射. U= 5元. 16. SUL=L'die

( Uc(0+)=Uc(0-)=0=)

17. 略电局和循能: { ] [1(0+)= ] [1(0-)=0 >断

18. = 要就: Itt)=]x-a]. e= (页别届!)