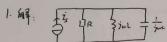
22920192204097 美雨娟 刘慧宏师



Yeq: 12+ jul + jwc = 1/2 - j jul + jwc 发生并及谐振时 - jml + jwc = 0 Wo = JLc

2.4%



DKCL in KULis.

2,+3=22

5 = 22R = (2,+3)R

当了20时,电压派发生功量

PP i1: 5-3 >0

P(素)对, 电压污发生功素

尺>到时,电压仍吸收功量

·· sv电压很不确定是吸收还是发生功量

UR = izR = (2,+3)R

東阳恒为治级功幸

例知 U,=UR 当UR=(2,+3)R70

27 i,+370

2,7-3 Am

电话派发生功率

DE THE WAY

PP i,= 5 -3 >-3

又:テァコ、お教主

: 电泛派是发出功等

约: 東压派为李精没不确定

如江下吸收中華

3的电话的发出功率。

22920192204097 吴西娟 刘慧宏师 (2/7)

3. 6年,由改约 2=-0:54+2 ... 饱较美级电路中 这(=2A. Yet=-0:55 如图可引。

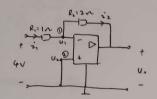
二. 其截惟字等知电惨动

4. 63:

$$\begin{cases} (p_1+p_2)\dot{z}_1+p_1\dot{z}_2=U_1\\ (p_1+p_3)\dot{z}_2+p_1\dot{z}_1=U_1-U_5\\ \dot{z}_1+\dot{z}_2=\dot{z}_5 \end{cases}$$

22920192204097 吴西娟 刘慧老师(3/7)

5.63.

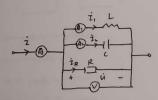


由屋廷、屋城市得 约至①处电压5约至②处电压拥美

2, = 22

$$\dot{z}_1 = \frac{\psi - u_1}{R_1}$$
 $\dot{z}_2 = \frac{\psi - u_1 - u_2}{R_2}$

6.43.



.: UR: 2200 R:5500

U = 220 03 V

·: i. = jweile

un = jul 11 , 11 = - 7 The un

: Ti= 1250 A.

uc = uL

· · whe inc

: 1 > wc . 1 = 1, 1 = 1.

:. WC - LL CO

i = i+ + i+ i = i+ i+ i+ ir

कारीनाउ

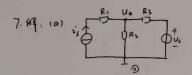
:. i.+ i. = 0.3 -93 A

:. il=i,=1.32-500

-, A1 - 1-3 A

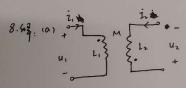
:. A, = I, = 1.3A

22920192204097 吴西娟 刘慧知声



$$\frac{(p_{1}+p_{3})U_{0}=z_{5}+\frac{U_{5}}{p_{3}}}{(p_{1}+p_{3})U_{0}=z_{5}+\frac{U_{5}}{p_{3}}}$$

$$(\frac{1}{R_1} + \frac{1}{R_2} + \frac{1}{R_3}) u_a = \frac{1}{2} + \frac{u_s}{R_3}$$



 $\begin{aligned} & \frac{U_1 + jwL_1 + j - jwM + i_2}{U_2 + jwL_2 + i_1 - jwM + i_2} \\ & U_1 = jwL_1 + i_1 - jwM + i_2 \\ & U_2 = -jwL_2 + jwM + i_1 \end{aligned}$

$$\frac{2i}{4} = \frac{N}{N} = N$$

$$\frac{2i}{12} = \frac{N}{N} = N$$

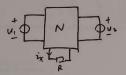
$$\frac{2i}{12} = \frac{1}{N} = N$$

$$\frac{1}{2} = \frac{1}{N} = \frac{U_1}{N}$$

$$\frac{u_1}{z_1} = \frac{Nuz}{-\frac{1}{N}z_2} = -N^2 \frac{u_2}{z_2}$$

22920192204097 星面确 刘慧老师(5/7)

9.63: (a)



由线相对数额

20+3h=20 -20+ b=0

62m: a:25, 5=5

:. sa+sb = 37.5

P u = u2 = 5 V mg
ix = 37.5A.

(b) vi 0 N

かはななななな

figno: 0=0 b=10, c=-10

:. 5a+sb+c= 40

2 u.= u2:5 und 2 : 40 A.

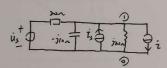
22920192204397 星面明 刘慧志师

10. 62; (1)
$$u_s + \frac{1}{2} + \frac{1}{2}$$

$$(\frac{1}{20} + \frac{1}{10} + \frac{1}{10})$$

$$(\frac{1}{20} + \frac{1}{10} + \frac{1}{10} + \frac{1}{10} + \frac{1}{10}) \dot{u}_1 = \frac{\dot{u}_5}{20} + \ddot{l}_5$$

(2) 将主、特技成电话为主的电话的 得到电路:



对传之分叫传至电压方程。

$$(\frac{1}{20} + \frac{1}{710} + \frac{1}{200}) \dot{u}_1 = \frac{\dot{u}_1}{20} + \dot{1}_2 - \dot{1}$$

$$\dot{u}_1 = 100 - (10 - 710) \dot{1}$$

· 新作了了故电路中 Vin = 100 ce° V. Beg Zeq = (10-j10) n

· 从孔洛·名 进去的新河 高级电路的



13) $\frac{1}{3} \frac{1}{2} = \frac{1}{2} e_x^{\frac{1}{4}} = \frac{1}{9} \frac{1}{10} = \frac{1}{10} \frac{1}{10} = \frac{1}{10} \frac{1}{10} = \frac{1$

i= 100 A=56A

: u,=u= 121=(50+j50)V

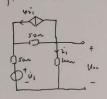
: 東東流版放と面変われる。 えこは、 i* = (20+j20) v. A i= -ui -ui = (-2.5+j2.5) A 电形版といるわまる。

Jz= i, i, *= 120-j200) v. A

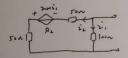
呈面娟 纠结老师 22920192204097

(7/7)

11.64: 五十载作为了处电路



着街



1002 = 1002 - 2002,

3002, 5 10002

$$R_2 = \frac{-2\sigma v_1}{v_2} = -\frac{2\sigma}{3} r_2$$

: 载水面了效电对为

いいひょこゆのをはり、 なひょころとはり

の技格室が リレコントコニリンコンコン

U(1+)= U(10) + (U(1)+) - U(10)) e-=

V(1t)= 10-10e-1 (V) (+30)

$$i_{c(t)} = \frac{(a(1-e^{-\frac{t}{T}}) \cdot 5(t)}{2T} = \frac{1}{T}e^{-\frac{t}{T}} \cdot 5(t) \cdot (A)$$

12) U; = 40 S(t). # tu; = 10 S(t)

1081t) = Wic + Uc

10811= 25 C duc +Uc

10 to 10 1 = 10 to 1 + 10 to 1 + 10 to 1 to 10 to 10

(0 = 51 Uc 10+1 - Uc 10-11+0

UL12+1=2V

t30. 唐时. 电图为要转入响及

- With t = RC = SS

Unt)= 2e-\$ (1t)