) 清华大学数学作业纸 (科目:

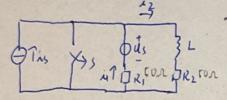


编号: 1-113

班级:

姓名:

10-32.



①
$$\Lambda_{S}$$
单独的用 $I = \frac{L}{R_{1}R_{2}} = 10^{-3} S$. ② U_{S} 单独作用 $i_{1}(U^{\dagger}) = 0$
 $i_{1}(\infty) = -1/A$ $i_{1}(\infty) = 1/A$ $i_{1}(\infty) = 1/A$ $i_{1}(\infty) = \frac{U_{1}}{Z} = \frac{U_{1}}{Z}$
 $i_{1}(t) = -1 - e^{-100t}A$ $i_{1}(t) = i_{1}(\infty) + [i_{1}(U^{\dagger})]$

$$\begin{array}{lll}
\lambda_{1}(\infty) &= -1/3 & i_{1}(\infty) = 1/3 \\
\lambda_{1}(\infty) &= -1/3 & i_{1}(\infty) = 1/3 \\
\lambda_{1}(\infty) &= -1/3 & i_{1}(\infty) = 1/3 \\
\lambda_{1}(\infty) &= \lambda_{1}(\infty) = \frac{i_{1}}{2} = \frac{5052290^{\circ}}{100 + 100j} = 6.5245^{\circ} \\
\lambda_{1}(t) &= -1 - e^{-100t} \lambda
\end{array}$$

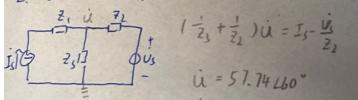
$$\begin{array}{lll}
\lambda_{1}(t) &= -1 - e^{-100t} \lambda$$

$$= 0.707 \sin(1000t + 45^{\circ}) - 0.5e^{-1000t}$$

$$(1)(t) = 111(t) + 111(t)$$

= 0. 707 sin (1000 t + 45°)-1-15e = 0.707 sin (1000 t + 45 9+1-15)

2. Us = 100230°V, Is = 4260°A, Z, =7, =50230°, 2=502-30°, # 3152.



U, = U + I, Z, = 28.87 + 250j

5-46.

1014= 0.600

$$Q_{c} = \frac{u^{1}}{\dot{w}_{c}}$$

15年是国长20.867

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