(科目:

## 清华大学数学作业纸



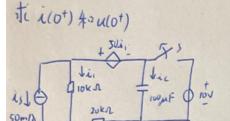
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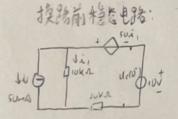
班级:能派25

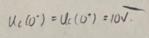
姓名: 吴晨聪

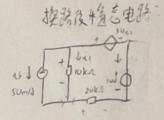
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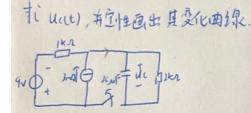


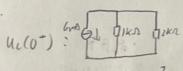


$$10 = -50 \, \hat{\lambda}_1(0^{\dagger}) + \hat{\lambda}_1 \times 10 \times 10^3 + (50 \times 10^3 + \hat{\lambda}_1) \times 20 \times 10^3$$

$$\hat{\lambda}_1(0^{\dagger}) = -33 \times 10^{-3} \times 10 \times 10^{-3} = -330 \vee$$

$$\hat{\lambda}_2(0^{\dagger}) = 33 - 50 = -17 \text{ mA}$$



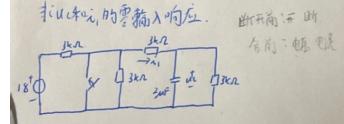


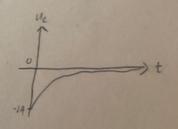
T = R C = 2000 x 25 x 10 -6

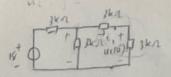
$$u_{c}(v^{2}) = 6 \times \frac{2}{1+2} \times 1 = -4 \sqrt{\frac{1}{2}}$$

= 0.0551

uclt) = -4e -20t



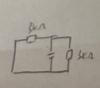




$$U_c(0^-) = \frac{(3+3)113}{(3+3)113+3} \times 18 \times \frac{1}{2}$$

= 3.6 v

 $U_c(0^{\dagger}) = U_c(0^{\dagger}) = 3.6 \vee .$   $\dot{A}_c(0^{\dagger}) = \frac{-3.6}{3000} = 1.2 \text{m/A}$ 



U.智動入物左 3.6e W 1. で動入の左 -1.2e mA

Δ