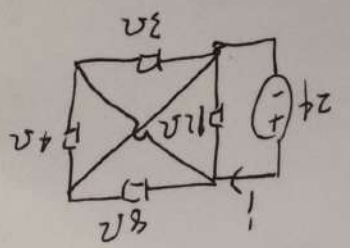
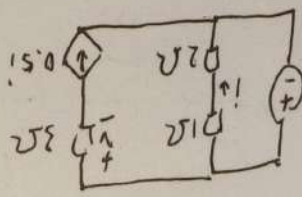
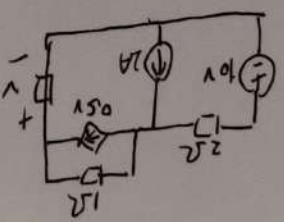
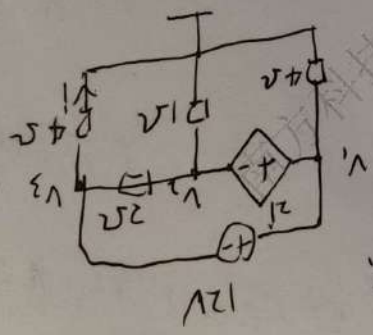
草　稿　纸

考试科目_____ 任课教师_____ 姓名_____ 学号_____

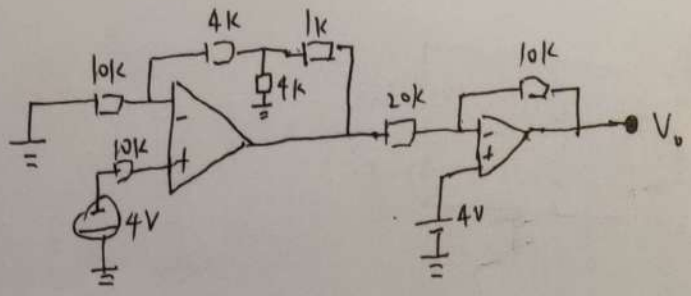






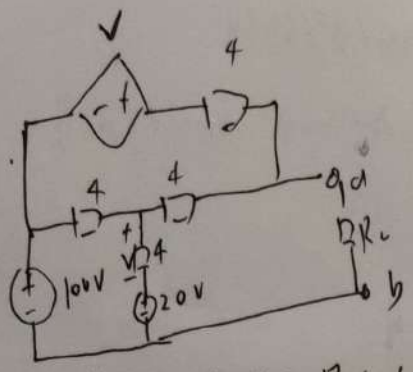


#5



求 V_o

#6

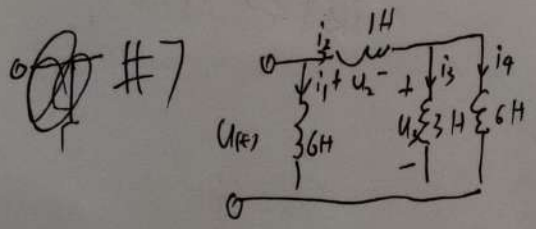


求戴维南，和 R_L 最大功率

$$I = \frac{U}{6} + \frac{U \cdot 0}{4} = \frac{1}{6} + \frac{2}{3} \cdot \frac{1}{4} U = \frac{1}{3} U$$

$$V_2 = \frac{1}{3} U$$

#7

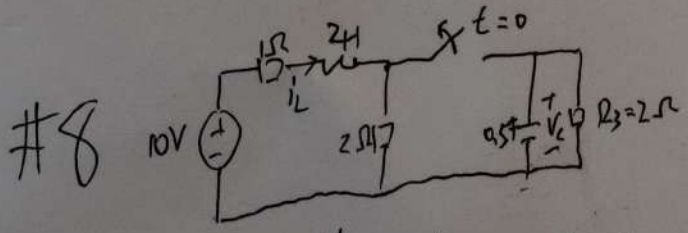


当 $t>0$ $U_{(t)} = 8e^{-2t}$

(1) 求 $i_1(t) \sim i_4(t)$

(2) 求 $U_2(t)$, $U_3(t)$

#8



求 $i_L(t)$ 与 $V_c(t)$ for $t>0$