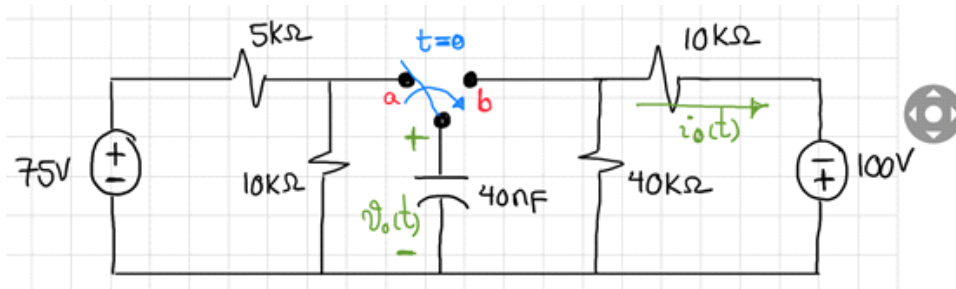


Exercise 7, Question 1

Find $v_o(t)$ and $i_o(t)$ for $t \geq 0$

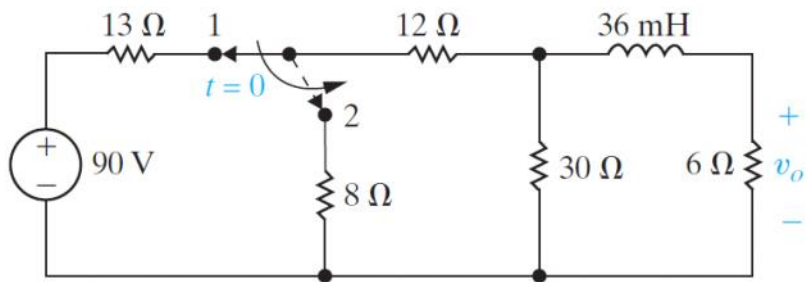


Exercise 7, Question 2

7.4 The switch in the circuit in Fig. P7.4 has been in position 1 for a long time. At $t = 0$, the switch moves instantaneously to position 2. Find $v_o(t)$ for $t \geq 0^+$.

PSPICE
MULTISIM

Figure P7.4



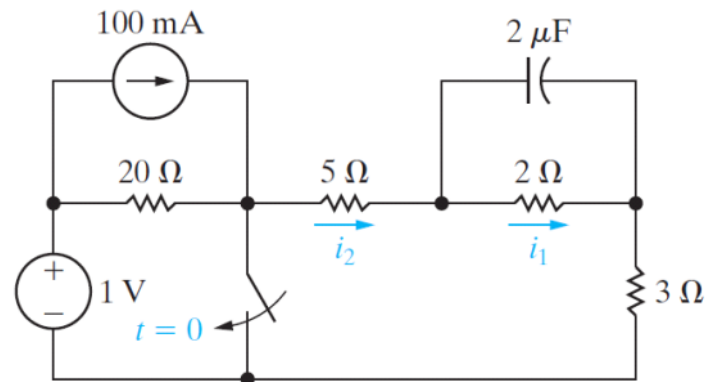
Exercise 7, Question 3

7.27 The switch in the circuit in Fig. P7.27 is closed at $t = 0$ after being open for a long time.

PSPICE
MULTISIM

- Find $i_1(0^-)$ and $i_2(0^-)$.
- Find $i_1(0^+)$ and $i_2(0^+)$.
- Find $i_1(t)$ for $t \geq 0$.
- Find $i_2(t)$ for $t \geq 0^+$.

Figure P7.27



Exercise 7, Question 4

7.28 The switch in the circuit in Fig. P7.28 has been in position 1 for a long time before moving to position 2 at $t = 0$. Find $i_o(t)$ for $t \geq 0^+$.

PSPICE
MULTISIM

Figure P7.28

