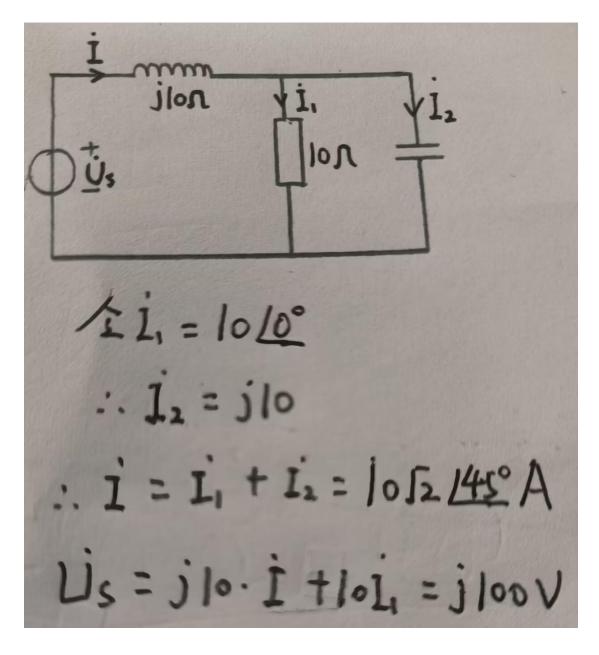
电路作业(七)

8-10



$$AH: U_{s} = \frac{100}{52} L_{0}^{\circ} V$$

$$jWL = j2S \Lambda$$

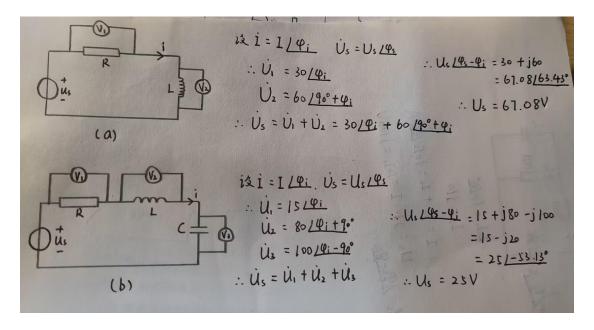
$$U_{L} = \frac{j2S}{R^{2}+j2S} \cdot U_{S}$$

$$\therefore R = 66.14 \Lambda$$

$$I = \frac{U_{S}}{R+j2S} = 1 L-20.7^{\circ} A$$

$$\therefore I = J2 COS(10^{3}t - 20.7^{\circ}) A$$

8-15



8-20

