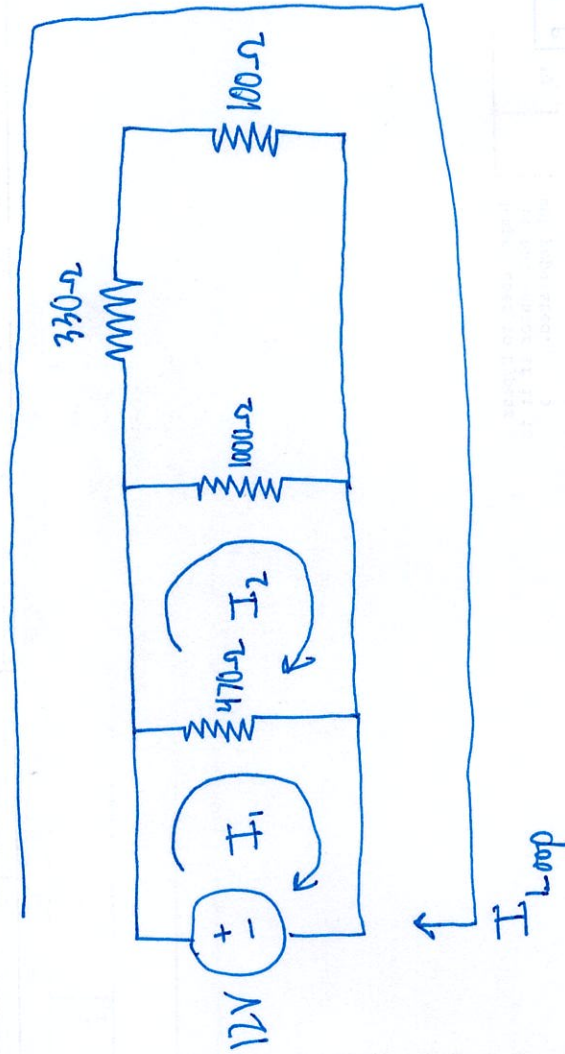


$$\text{Loop 1: } 0 = -12 + 470(I_1 - I_2)$$

$$\text{Loop 2: } 0 = 470(I_2 - I_1) + 100(I_2 - I_3)$$

$$\text{Loop 3: } 0 = 100(I_3 - I_2) + 330(I_3) + 100(I_3)$$



$$\text{Loop 1: } 0 = -12 + 470(I_1 - I_2)$$

$$\text{Loop 2: } 0 = 470(I_2 - I_1) + 100(I_2 - I_3)$$

$$\text{Big Loop: } 0 = -12 + 330 I_{\text{Loop}} + 100 I_{\text{Loop}}$$

$$0 = -12 + 330 I_{\text{Loop}} + 100 I_{\text{Loop}}$$