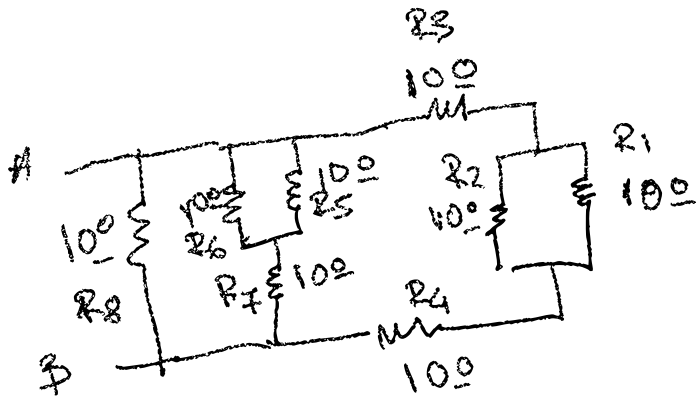
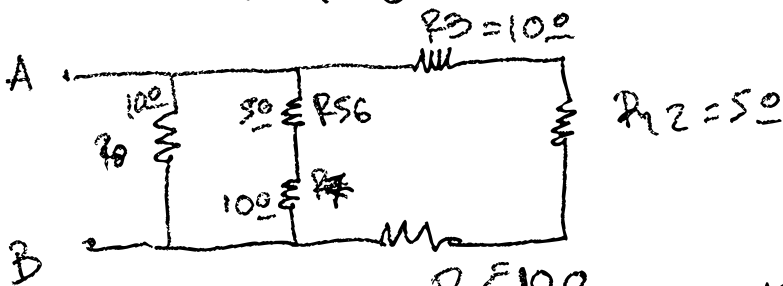


Agus 3 Agung. Poo 30 4



$$R_{12} = \frac{R_1 \cdot R_2}{R_1 + R_2} = \frac{100 \cdot 100}{100 + 100} \Rightarrow R_{12} = 50$$

$$R_{56} = \frac{R_5 \cdot R_6}{R_5 + R_6} = \frac{10 \cdot 100}{10 + 100} \Rightarrow R_{56} = 50$$



$$R_{1234} = R_{12} + R_3 + R_4 \Rightarrow R_{1234} = 50 + 100 + 100 = 250$$

$$R_{234} = 250$$

$$R_{567} = R_{56} + R_7 \Rightarrow R_{567} = 50 + 100 = 150$$

$$\frac{1}{R_{AB}} = \frac{1}{R_8} + \frac{1}{R_{567}} + \frac{1}{R_{1234}} \Rightarrow \frac{1}{R_{AB}} = \frac{1}{100} + \frac{1}{150} + \frac{1}{250}$$

$$R_{AB} = 480$$