

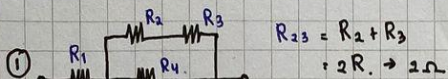
Nama : Nur Sabrina Hanifa  
 Nim : 224443088  
 Kelas : 1AEC4  
 Mata Kuliah : Elektronika

Mata Kuliah.:

Tgl.:

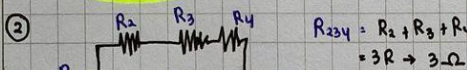
Hal. : /

Nama : Nur Sabrina Hanifa  
 Nim : 224443088  
 Kelas : 1AEC4  
 Matkul : Elektronika.



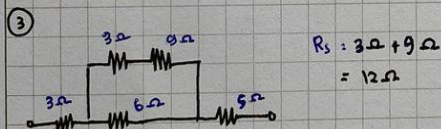
$$R_p = \frac{R_{23} \times R_4}{R_{23} + R_4} \rightarrow \frac{2 \cdot 1}{2 + 1} = 0,67 \Omega$$

$$R_t = R_1 + R_p = 1 + 0,67 = 1,67 \Omega$$



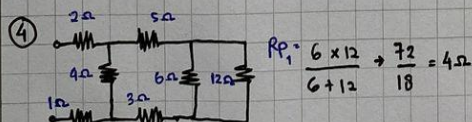
$$R_p = \frac{R_{234} \times R_5}{R_{234} + R_5} \rightarrow \frac{3 \cdot 1}{3 + 1} = 0,75 \Omega$$

$$R_t = R_1 + R_p + R_6 = 1 + 0,75 + 1 = 2,75 \Omega$$



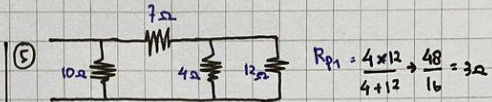
$$R_p = \frac{12 \Omega \times 6 \Omega}{12 \Omega + 6 \Omega} = \frac{72}{18} = 4 \Omega$$

$$R_t = 3 \Omega + 4 \Omega + 5 \Omega = 12 \Omega$$

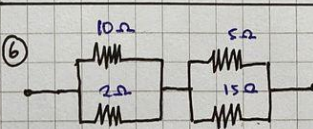


$$R_{s1} = 5 \Omega + 4 \Omega + 3 \Omega = 12 \Omega$$

$$R_t = 2 \Omega + 3 \Omega + 1 \Omega = 6 \Omega$$

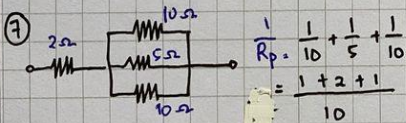


$$R_s = 7 + 3 = 10 \Omega$$



$$R_{p1} = \frac{5 \times 15}{5 + 15} = \frac{75}{20} = 3,75 \Omega$$

$$R_{p2} = \frac{10 \times 2}{10 + 2} = \frac{20}{12} = 1,67 \Omega$$



$$R_t = 2 \Omega + 2,5 \Omega = 4,5 \Omega$$



$$R_{p2} = \frac{1}{9,8} + \frac{1}{3} + \frac{1}{6} \rightarrow 1,66 \Omega$$

$$R_t = 2 + 1,66 = 3,66 \Omega$$