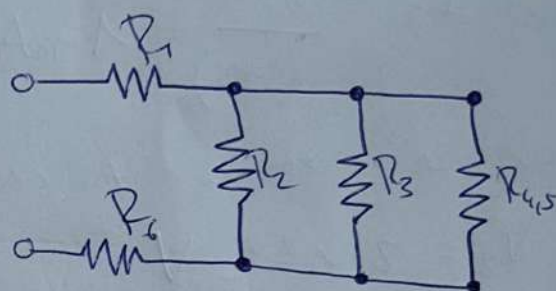
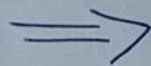
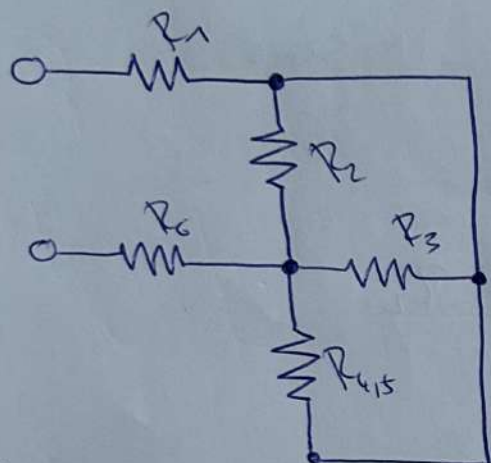


SOLUZIONE ES. N° 5)

1) SERIE TRA R_4 e R_5

$$R_{4,5} = R_4 + R_5 = 1 + 1 = 2 \, \Omega$$

2) I BIPOLI CHE INTERESSANO I RESISTORI $R_2, R_3, R_{4,5}$ SONO IN PARALLELO



3) $R_2 \parallel R_3 \parallel R_{4,5}$

$$R_{2,3,4,5} = \frac{1}{\frac{1}{2} + \frac{1}{2} + \frac{1}{2}} = \frac{2}{3} \, \Omega$$

4) R_{TOTALE}

$$R_T = R_1 + R_{2,3,4,5} + R_6 = 1 + \frac{2}{3} + 2 = \frac{11}{3} \, \Omega$$

SOLUZIONE ES. N° 6

1) ESSENDO CHE I TERMINALI a E b FANNO PARTE DELLO STESSO NODO, LA R_{ab} È:

$$R_{ab} = 0$$