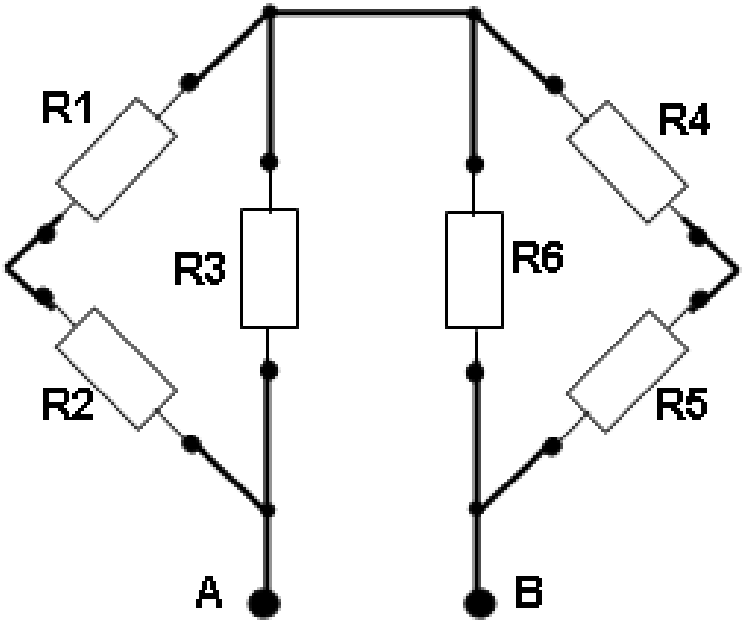
COMPONENTE ELECTRONICE PASIVE

REȚELE DE REZISTOARE

1. Calculul rezistenței echivalente a rețelei



$$R12 = R1 + R2 = ..$$

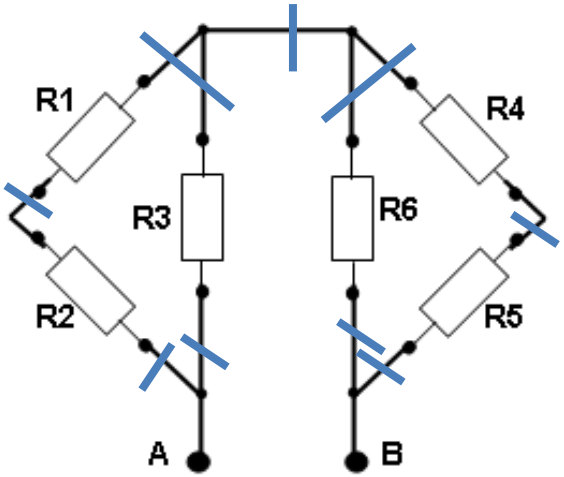
$$R12R3 = \frac{R12 \cdot R3}{R12 + R3} = ..$$

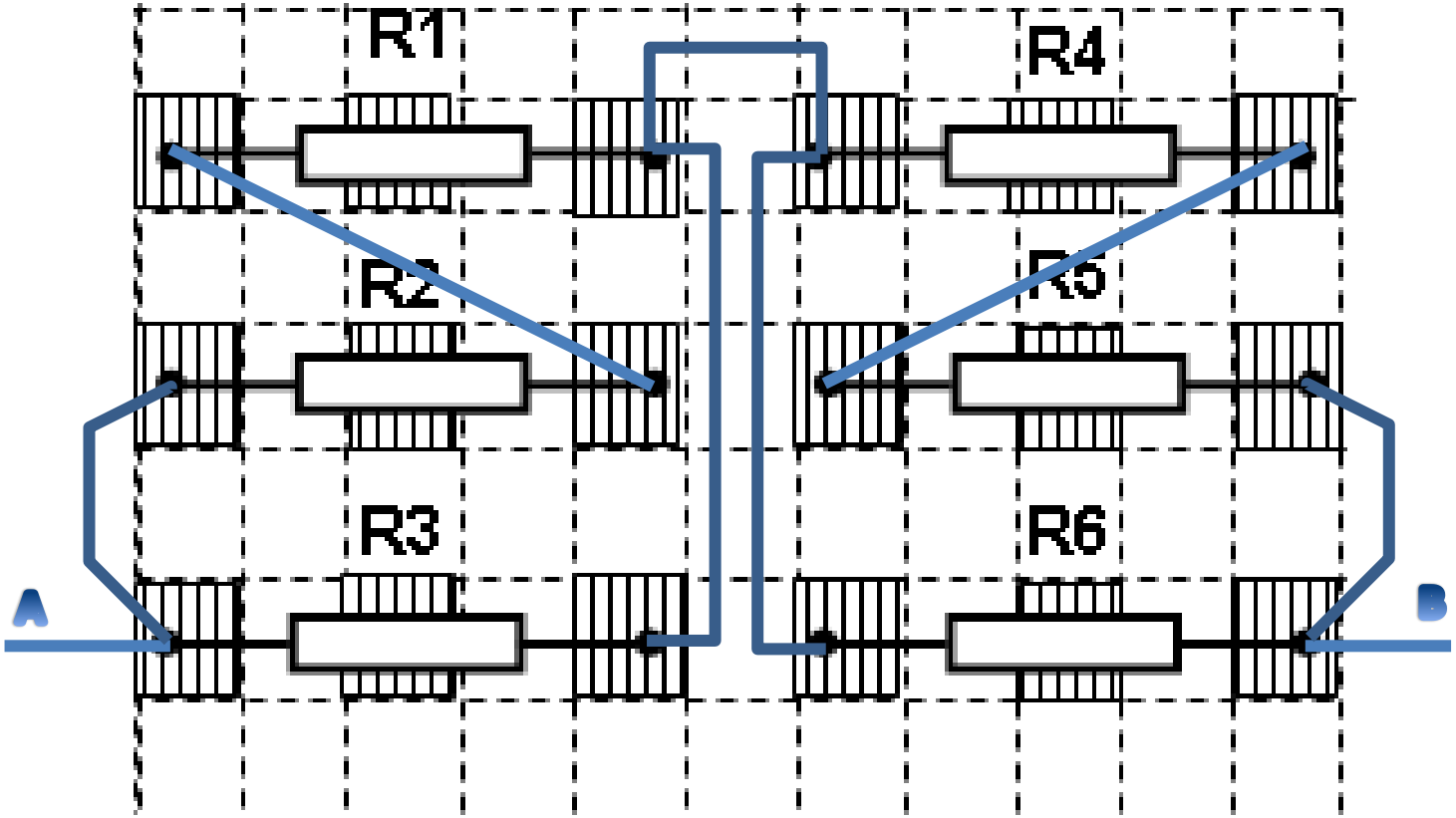
$$R45 = R4 + R5 = ..$$

$$R45R6 = \frac{R45 \cdot R6}{R45 + R6} = ..$$

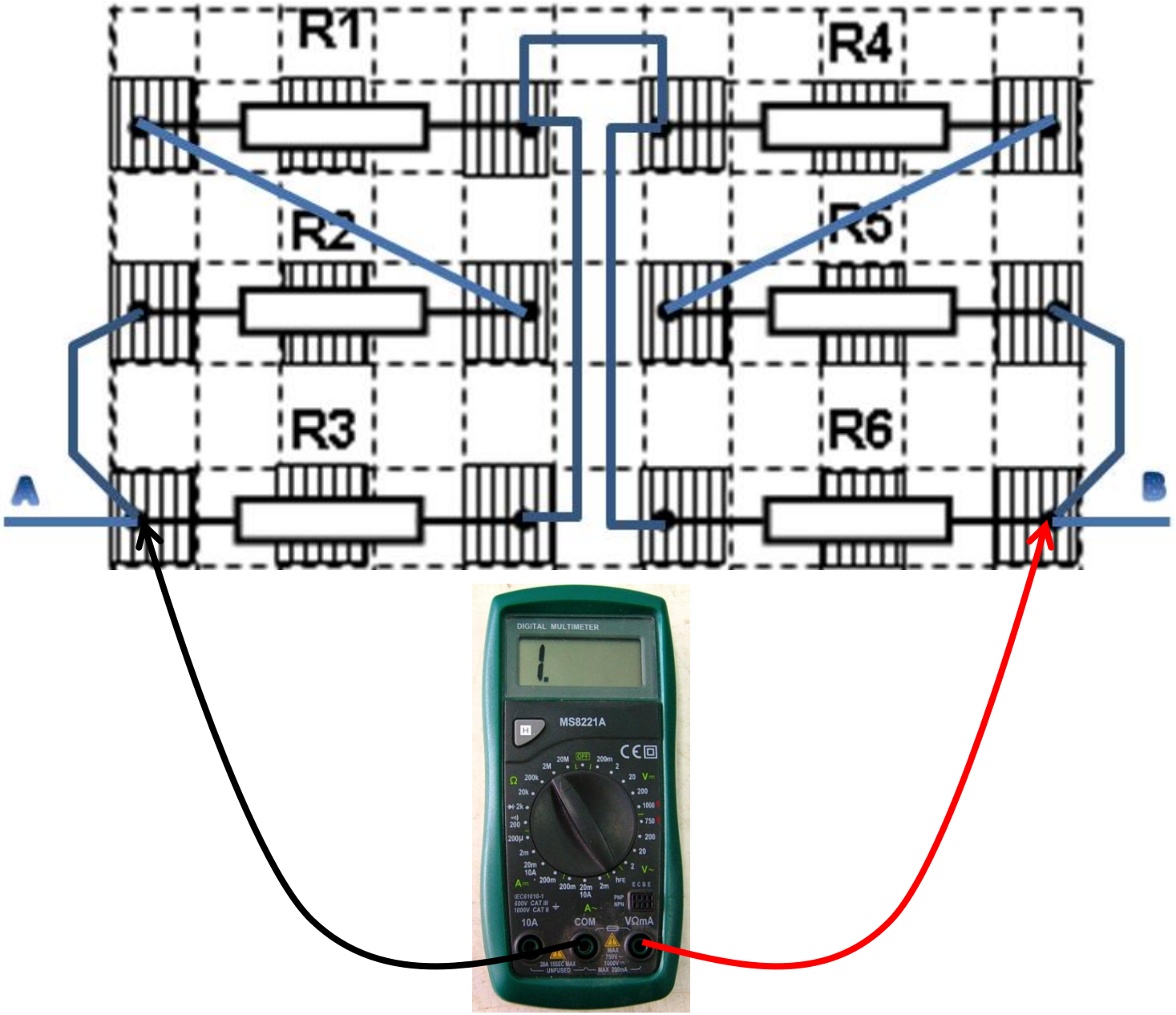
$$Rab = R123 + R456 = ..$$

2. Plantarea rezistoarelor și executarea conexiunilor între ele

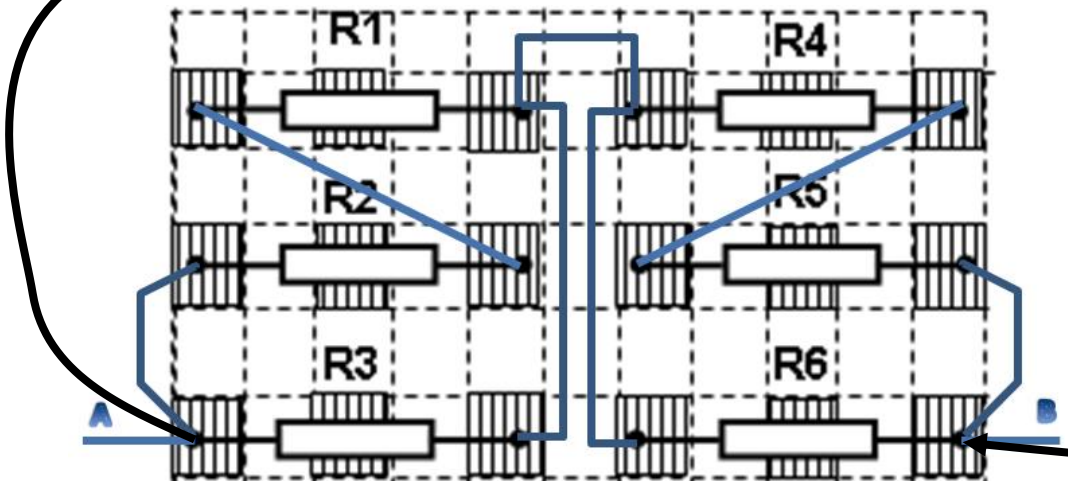




3. Măsurarea rezistenței echivalente cu ohmetrul



4. Calculul rezistenței echivalente (metoda ampermetru-voltmetru)



$$U = ..V \qquad I = ..mA \qquad R = \frac{U}{I} \cdot 1000 = ..$$