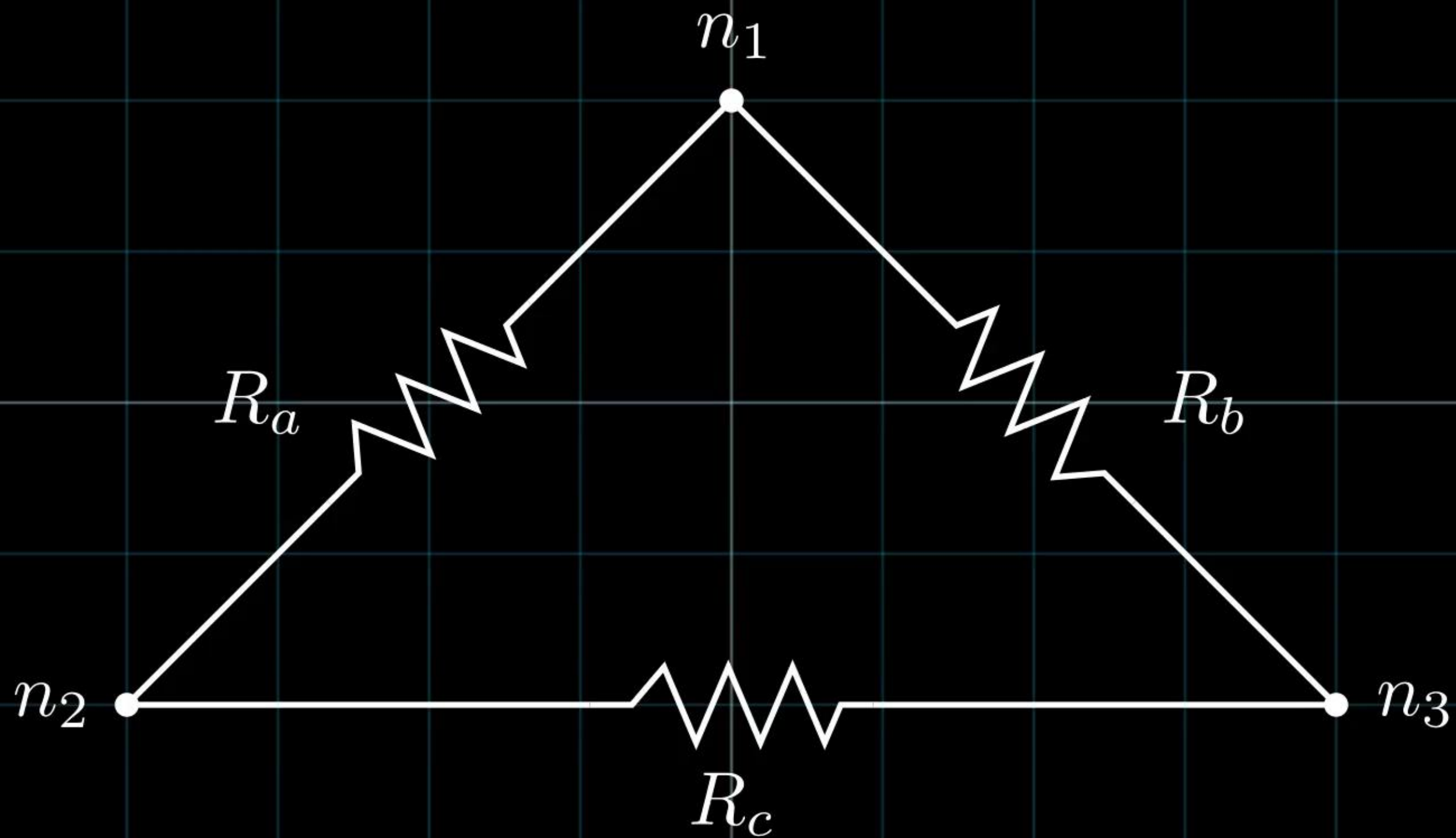
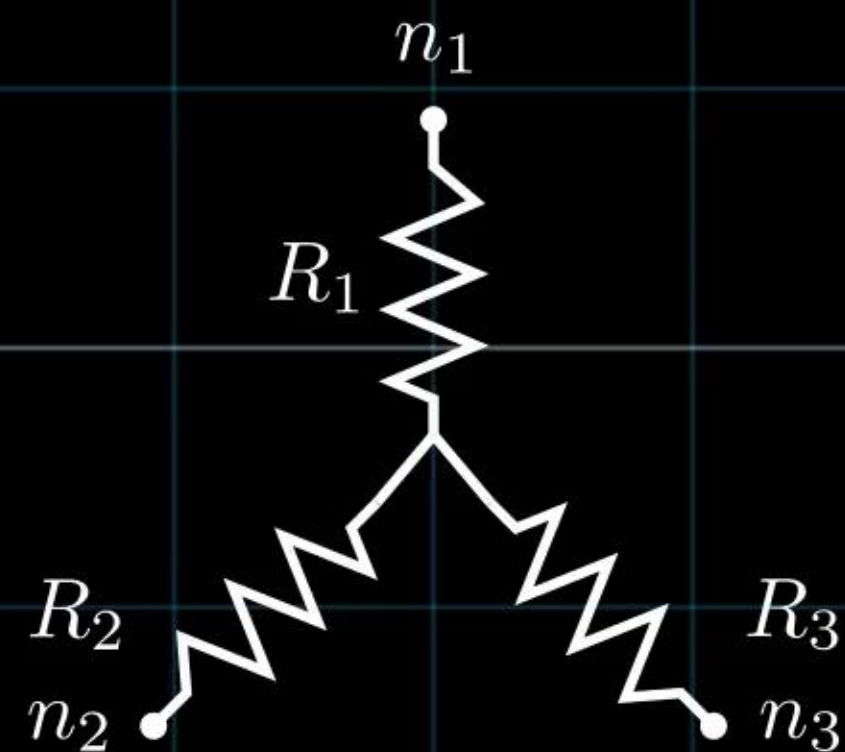
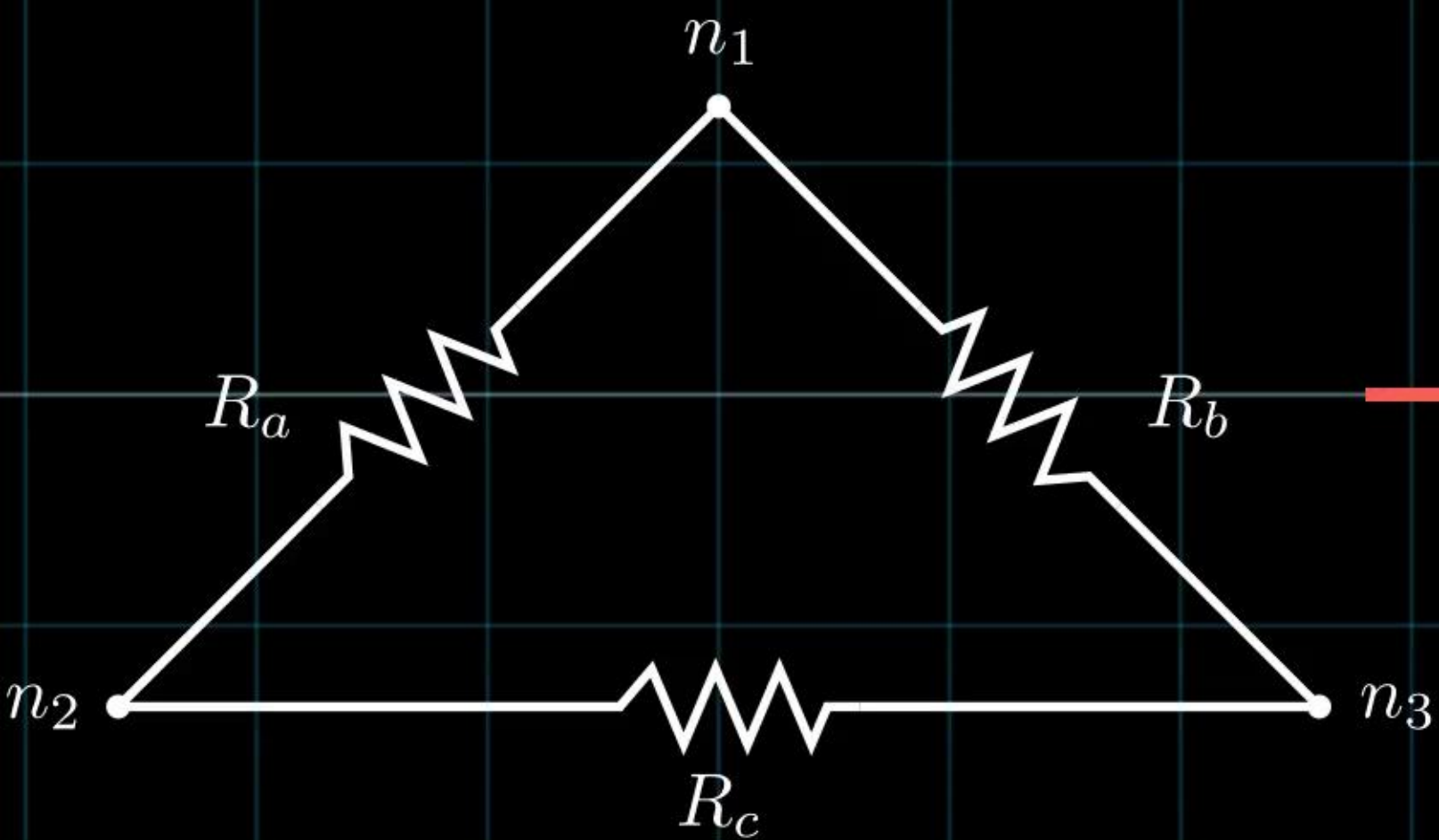


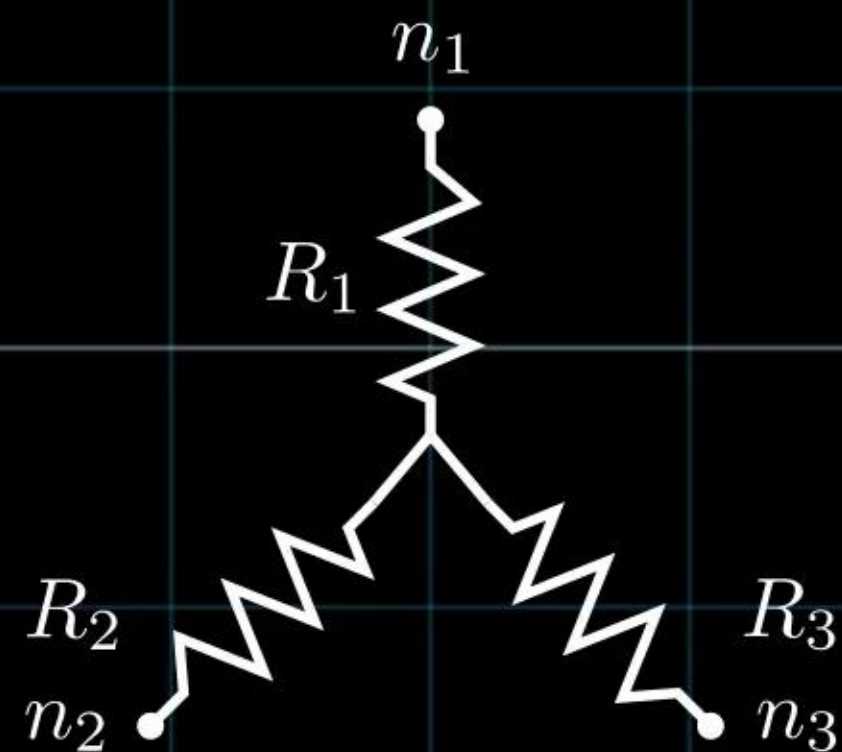
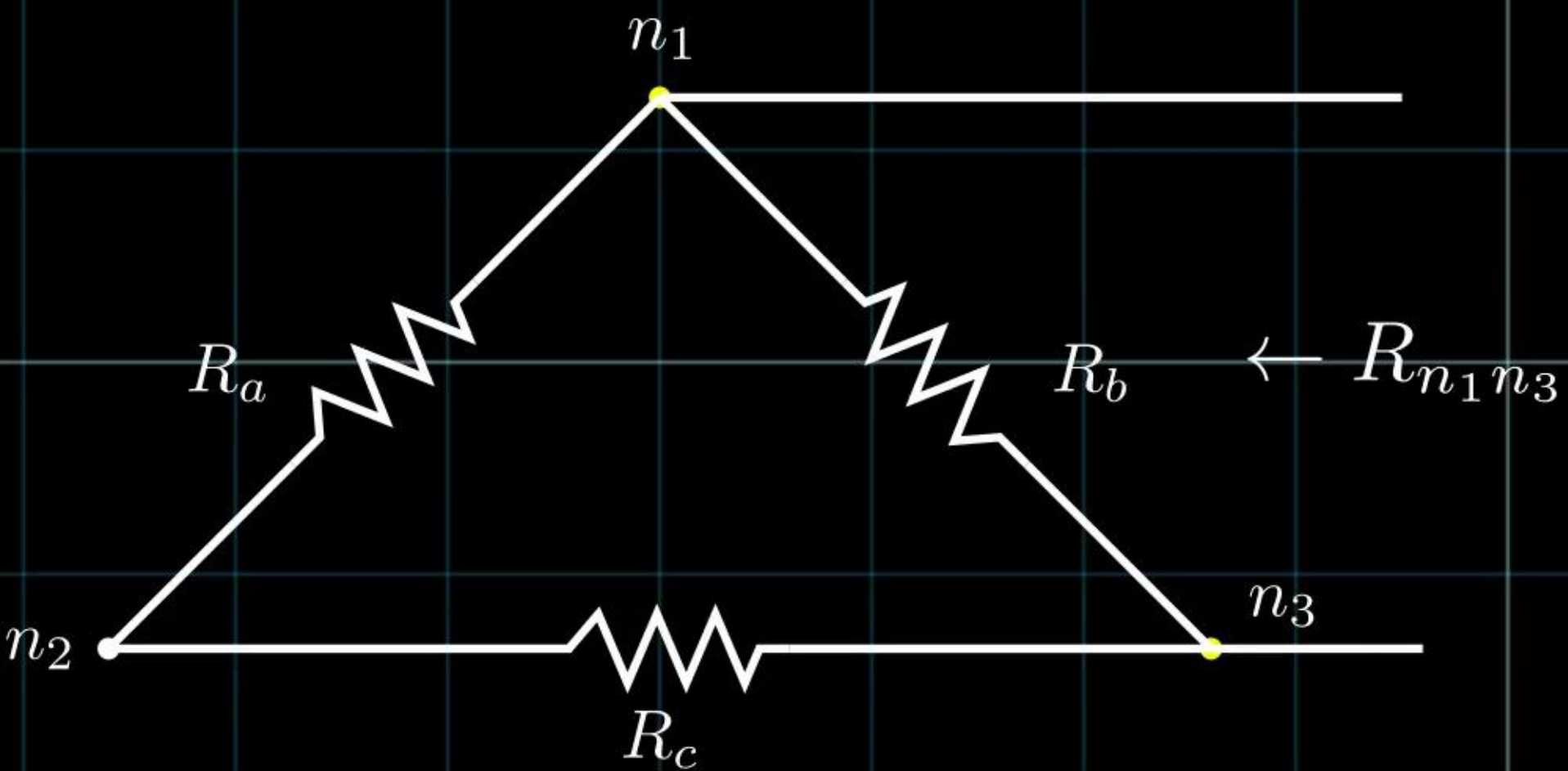
Delta-Wye Transform



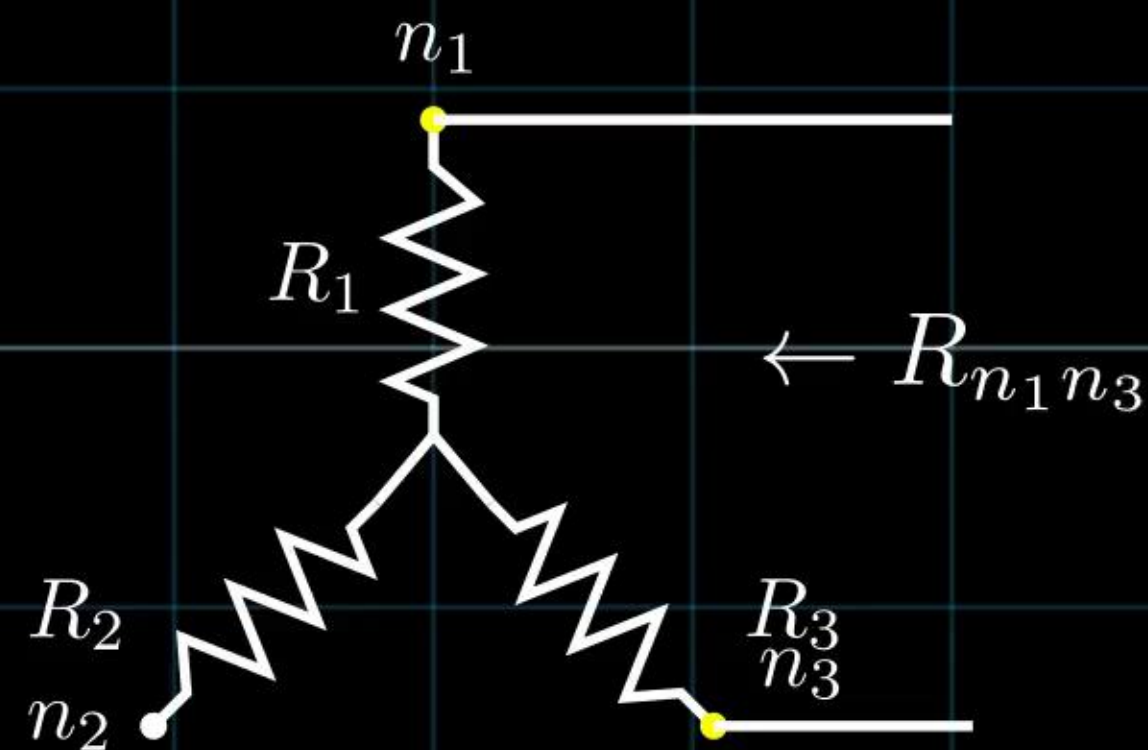
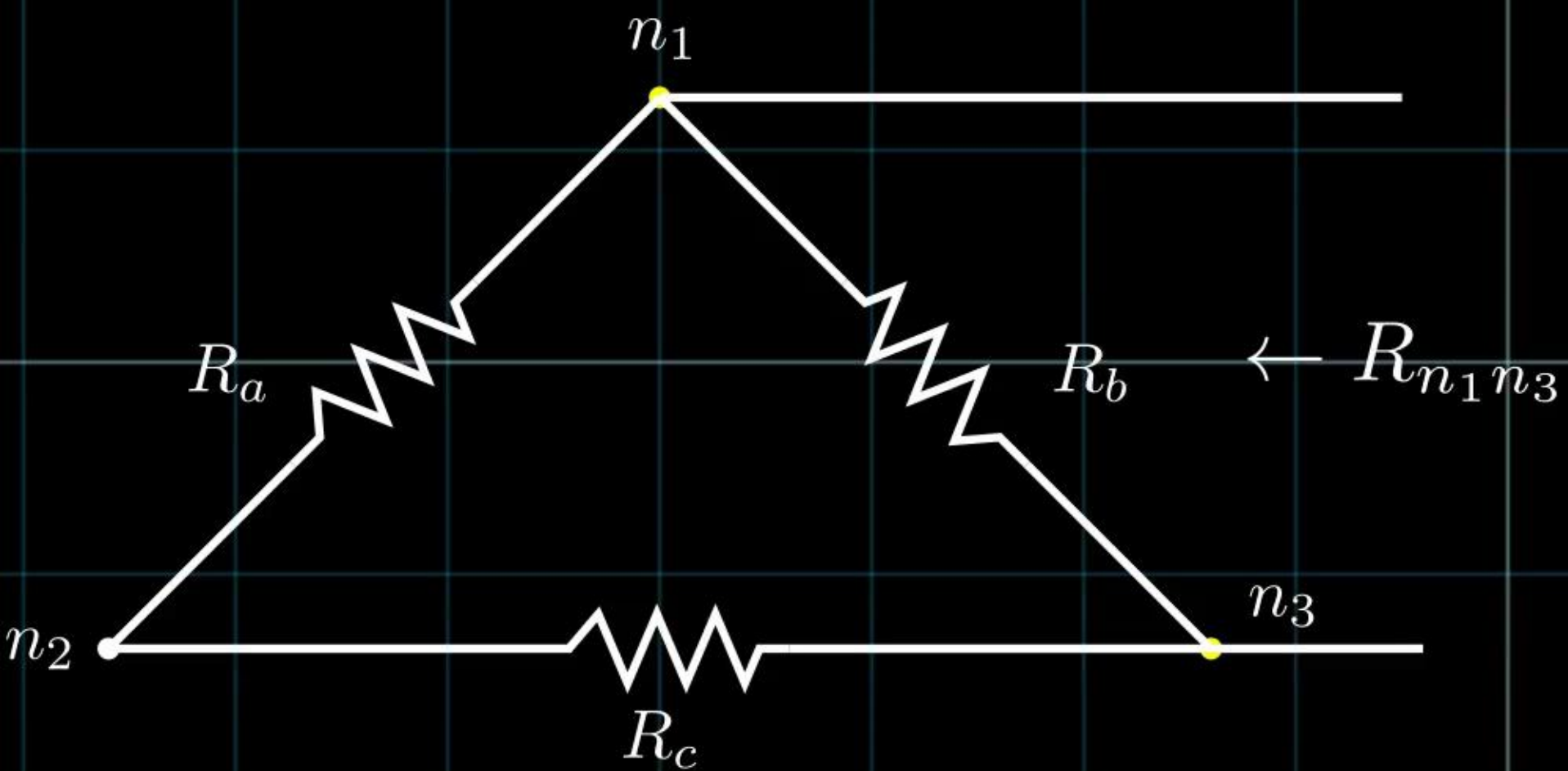
Delta-Wye Transform



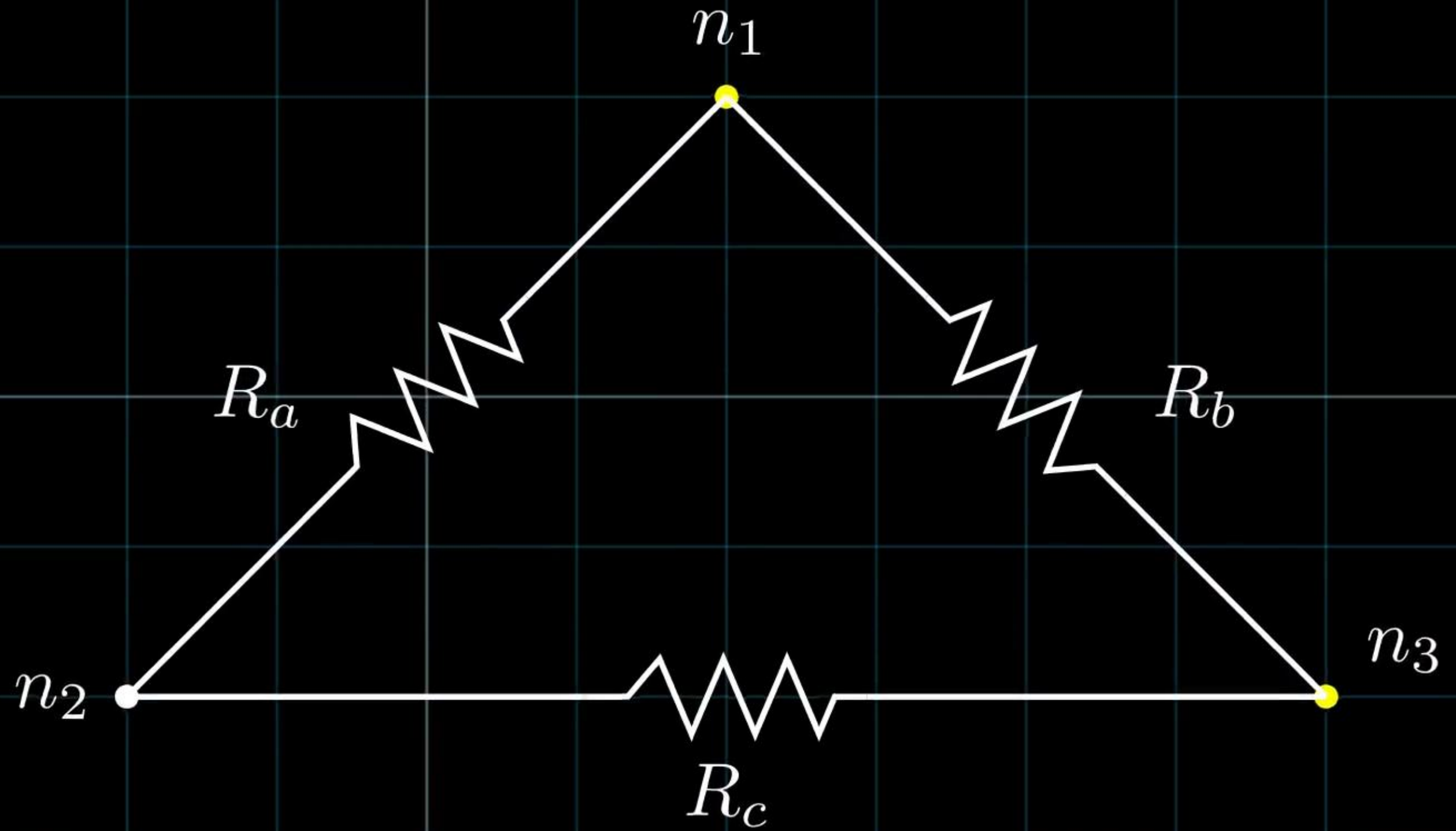
Delta-Wye Transform



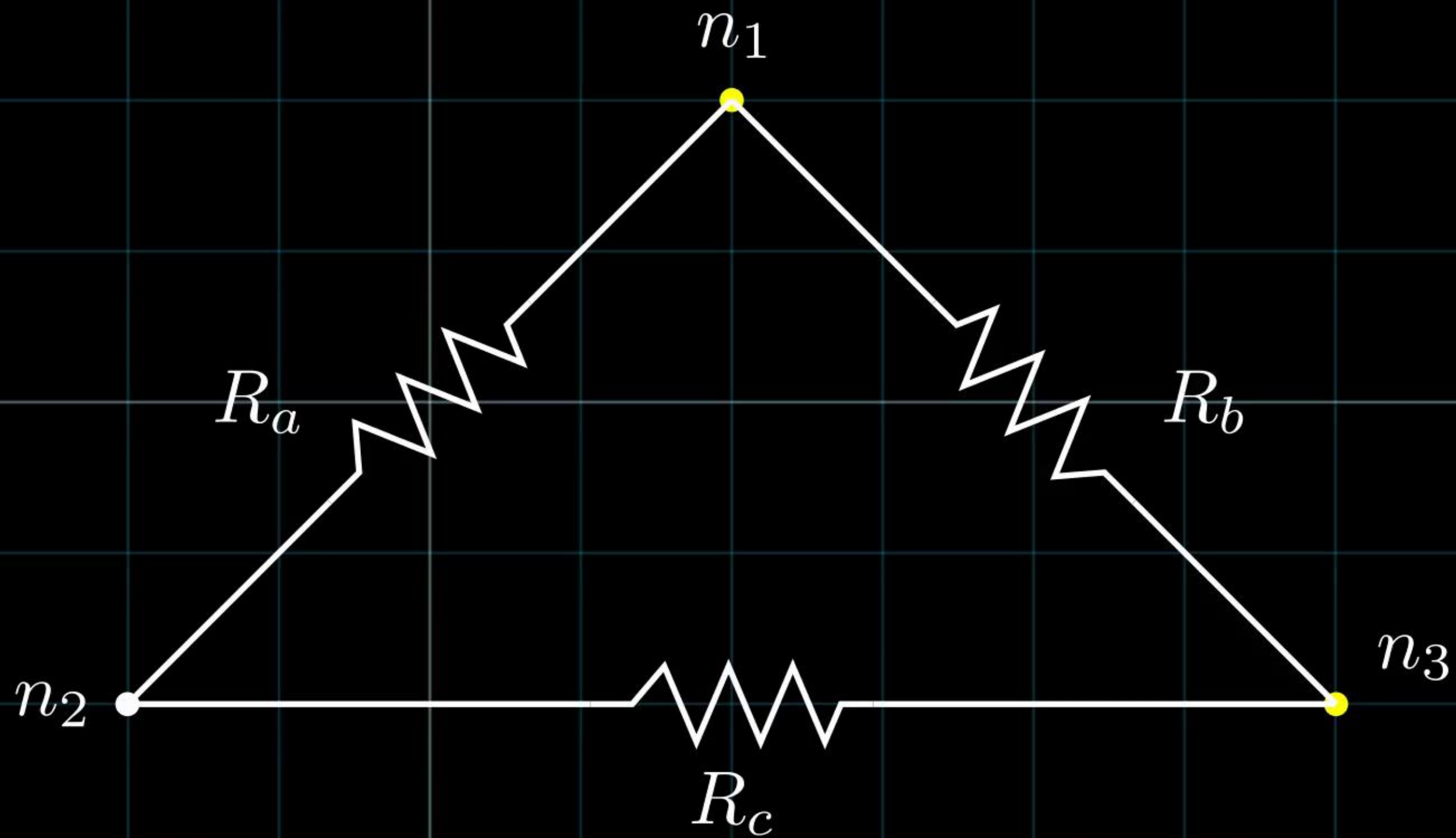
Delta-Wye Transform



Delta-Wye Transform

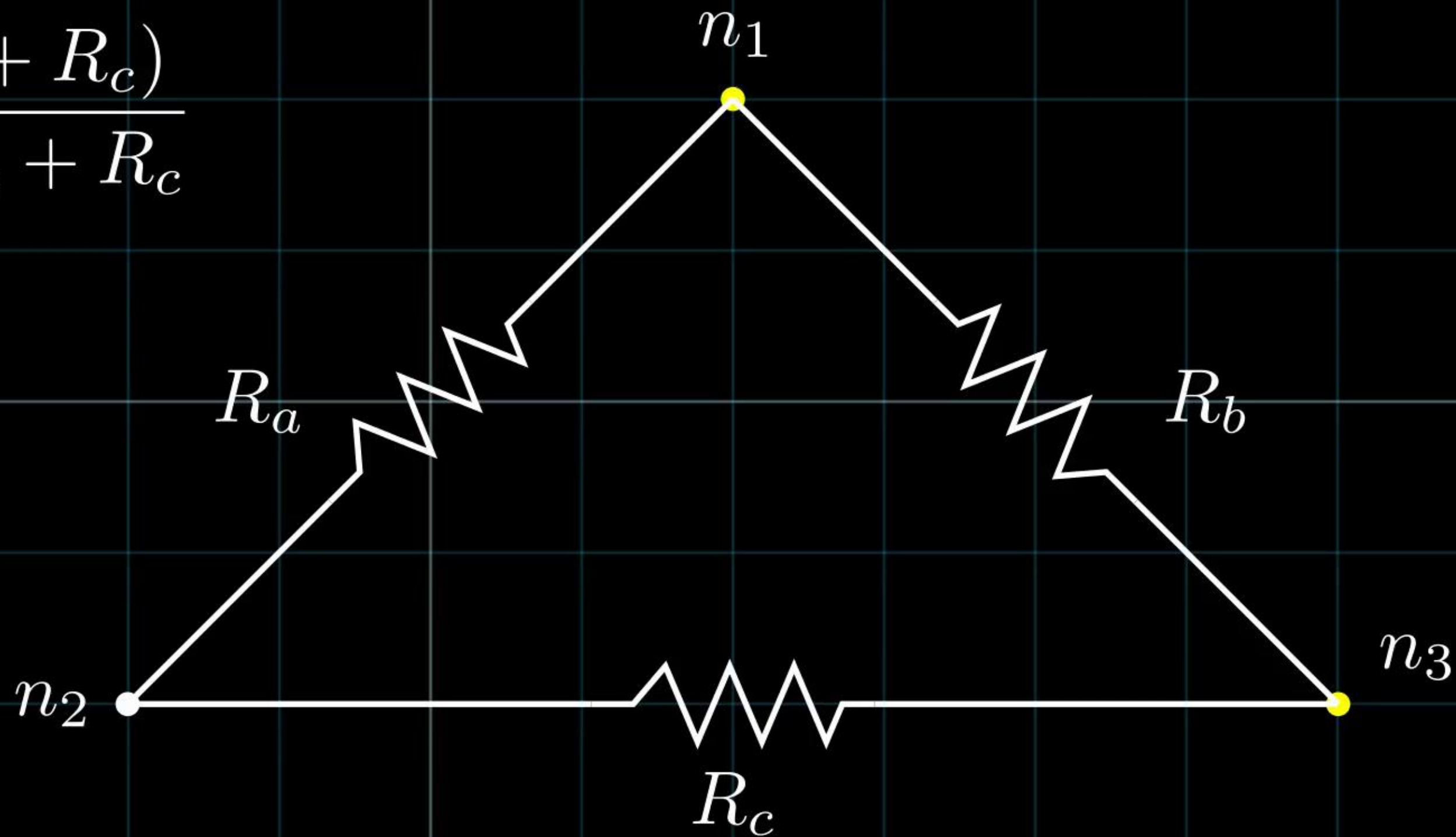


$$R_{n_1 n_3} = R_b || (R_a + R_c)$$



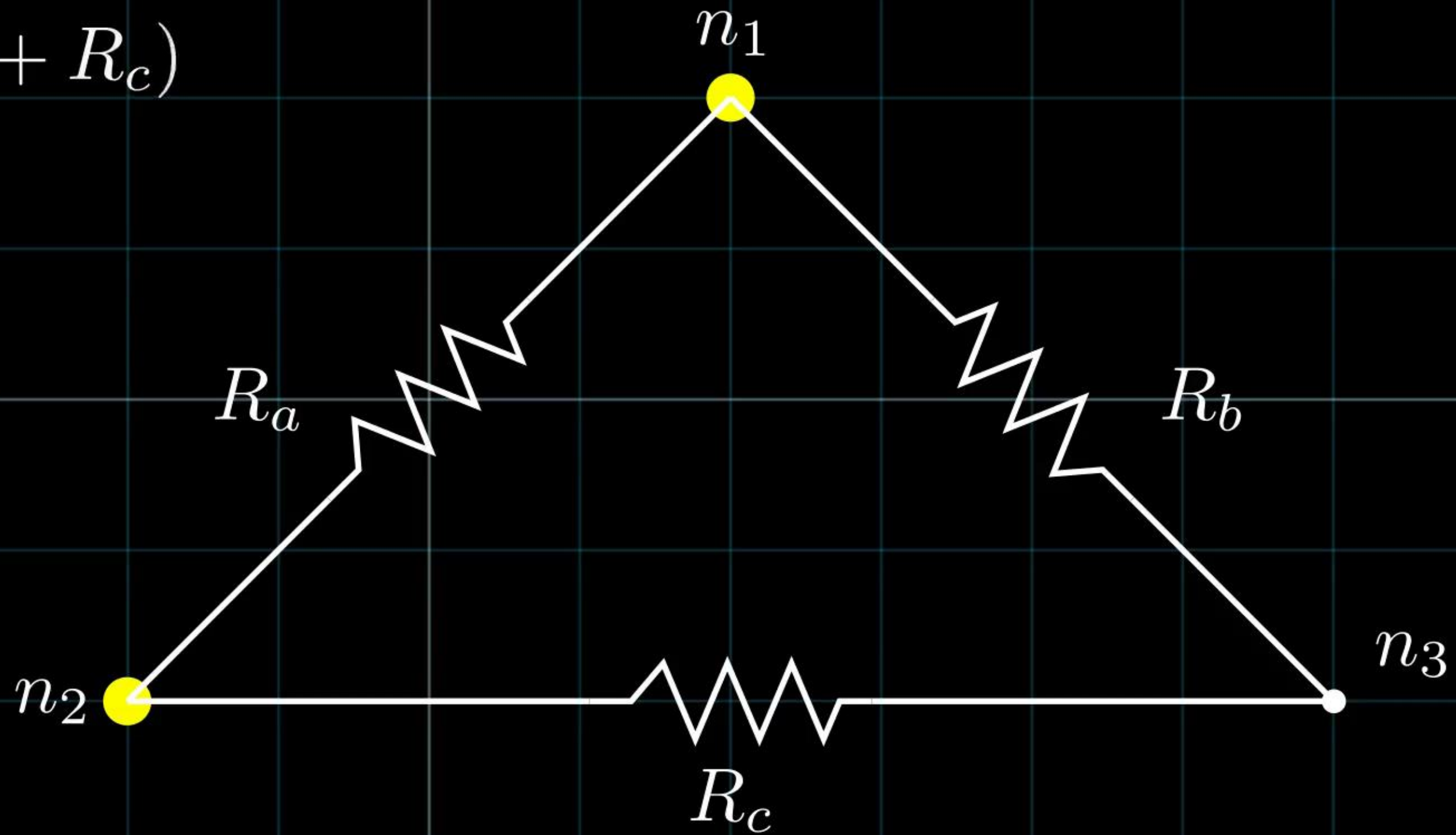
$$R_{n_1 n_3} = R_b || (R_a + R_c)$$

$$R_{n_1 n_3} = \frac{R_b (R_a + R_c)}{R_a + R_b + R_c}$$



$$R_{n_1 n_3} = \frac{R_b(R_a + R_c)}{R_a + R_b + R_c}$$

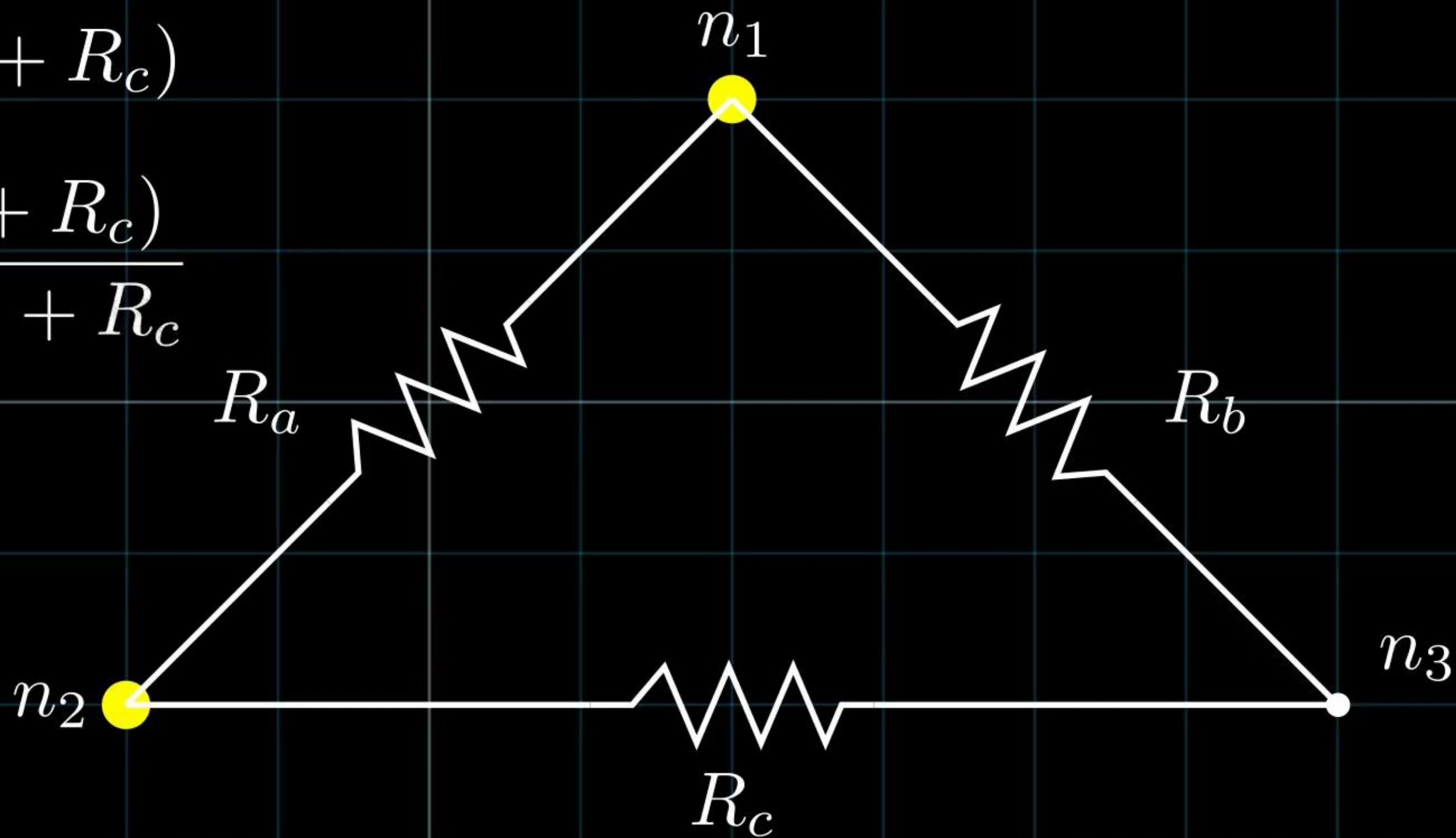
$$R_{n_1 n_2} = R_a || (R_b + R_c)$$



$$R_{n_1 n_3} = \frac{R_b(R_a + R_c)}{R_a + R_b + R_c}$$

$$R_{n_1 n_2} = R_a || (R_b + R_c)$$

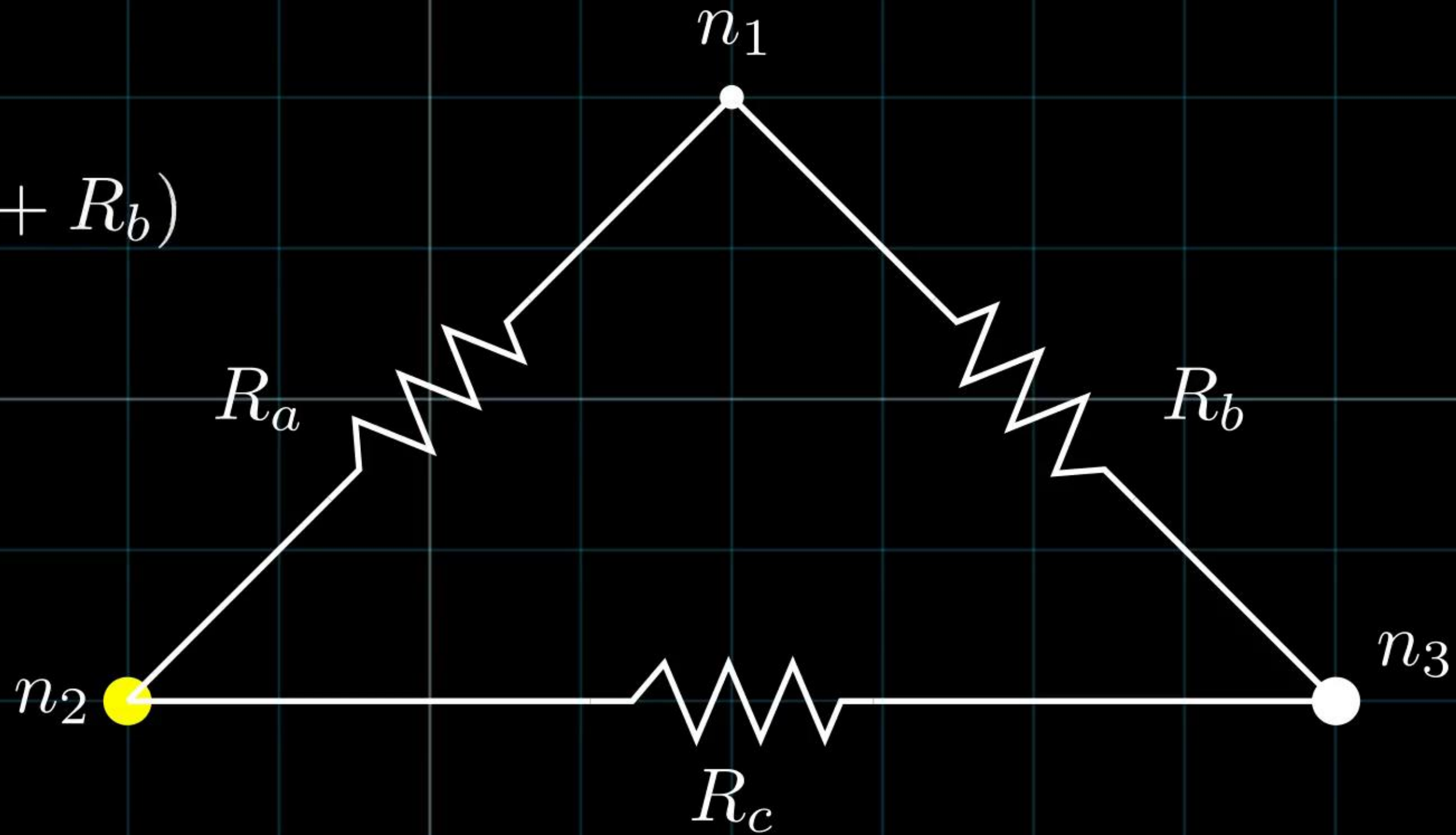
$$R_{n_1 n_2} = \frac{R_a(R_b + R_c)}{R_a + R_b + R_c}$$



$$R_{n_1 n_3} = \frac{R_b(R_a + R_c)}{R_a + R_b + R_c}$$

$$R_{n_1 n_2} = \frac{R_a(R_b + R_c)}{R_a + R_b + R_c}$$

$$R_{n_2 n_3} = R_c || (R_a + R_b)$$

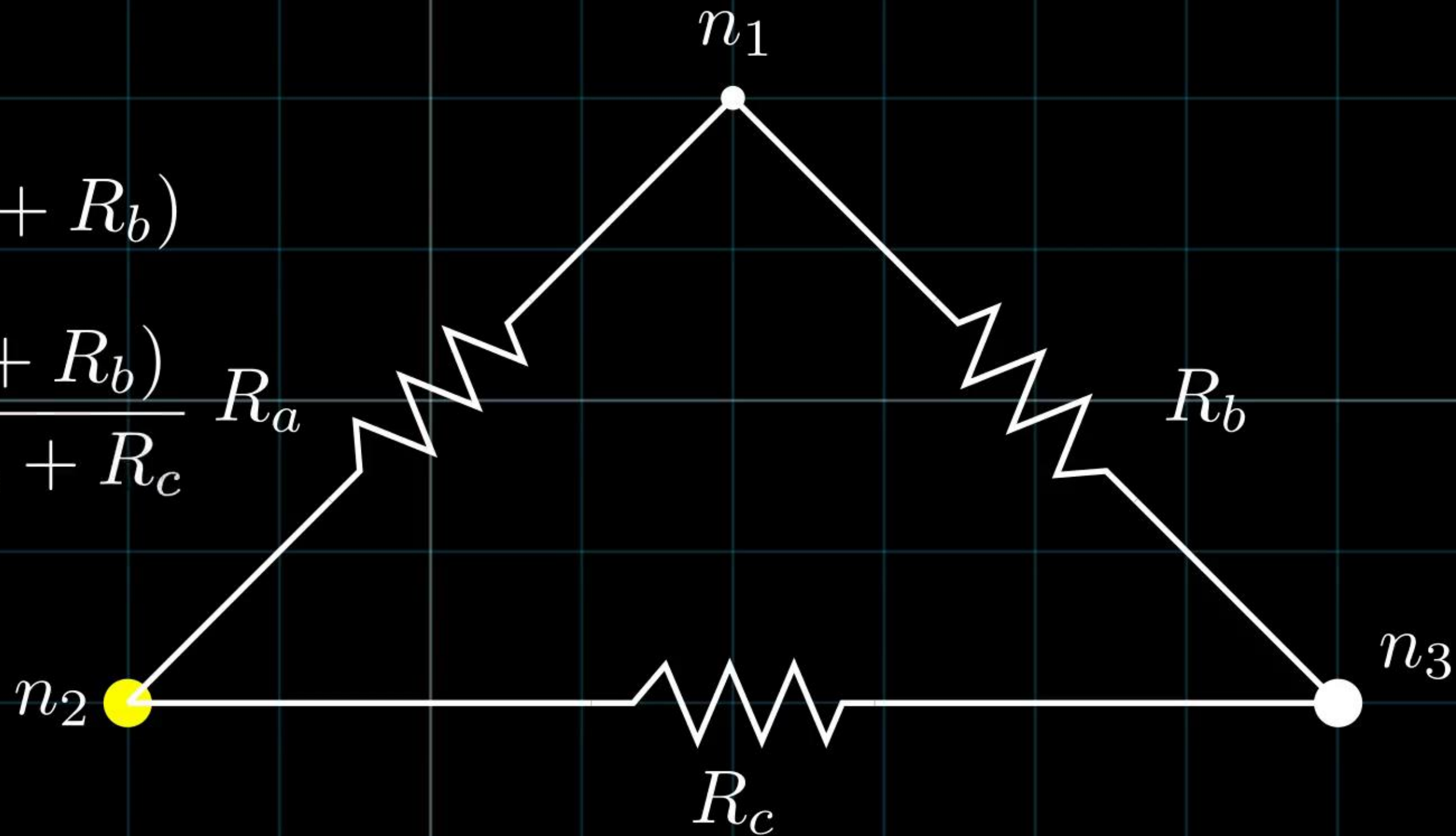


$$R_{n_1 n_3} = \frac{R_b(R_a + R_c)}{R_a + R_b + R_c}$$

$$R_{n_1 n_2} = \frac{R_a(R_b + R_c)}{R_a + R_b + R_c}$$

$$R_{n_2 n_3} = R_c || (R_a + R_b)$$

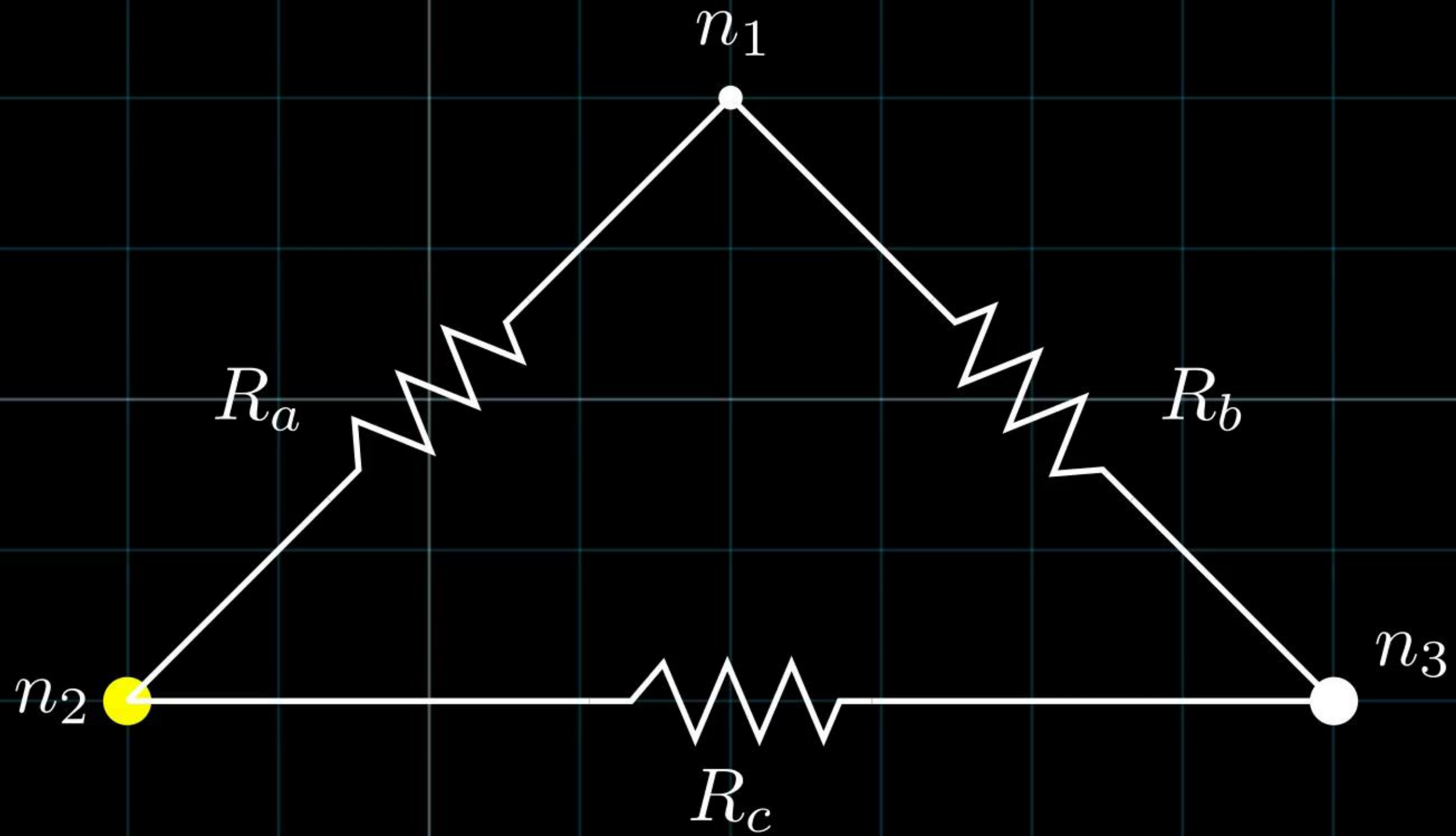
$$R_{n_1 n_2} = \frac{R_c(R_a + R_b)}{R_a + R_b + R_c} R_a$$



$$R_{n_1 n_3} = \frac{R_b(R_a + R_c)}{R_a + R_b + R_c}$$

$$R_{n_1 n_2} = \frac{R_a(R_b + R_c)}{R_a + R_b + R_c}$$

$$R_{n_1 n_2} = \frac{R_c(R_a + R_b)}{R_a + R_b + R_c}$$



$$R_{n_1 n_3} = \frac{R_b(R_a + R_c)}{R_a + R_b + R_c}$$

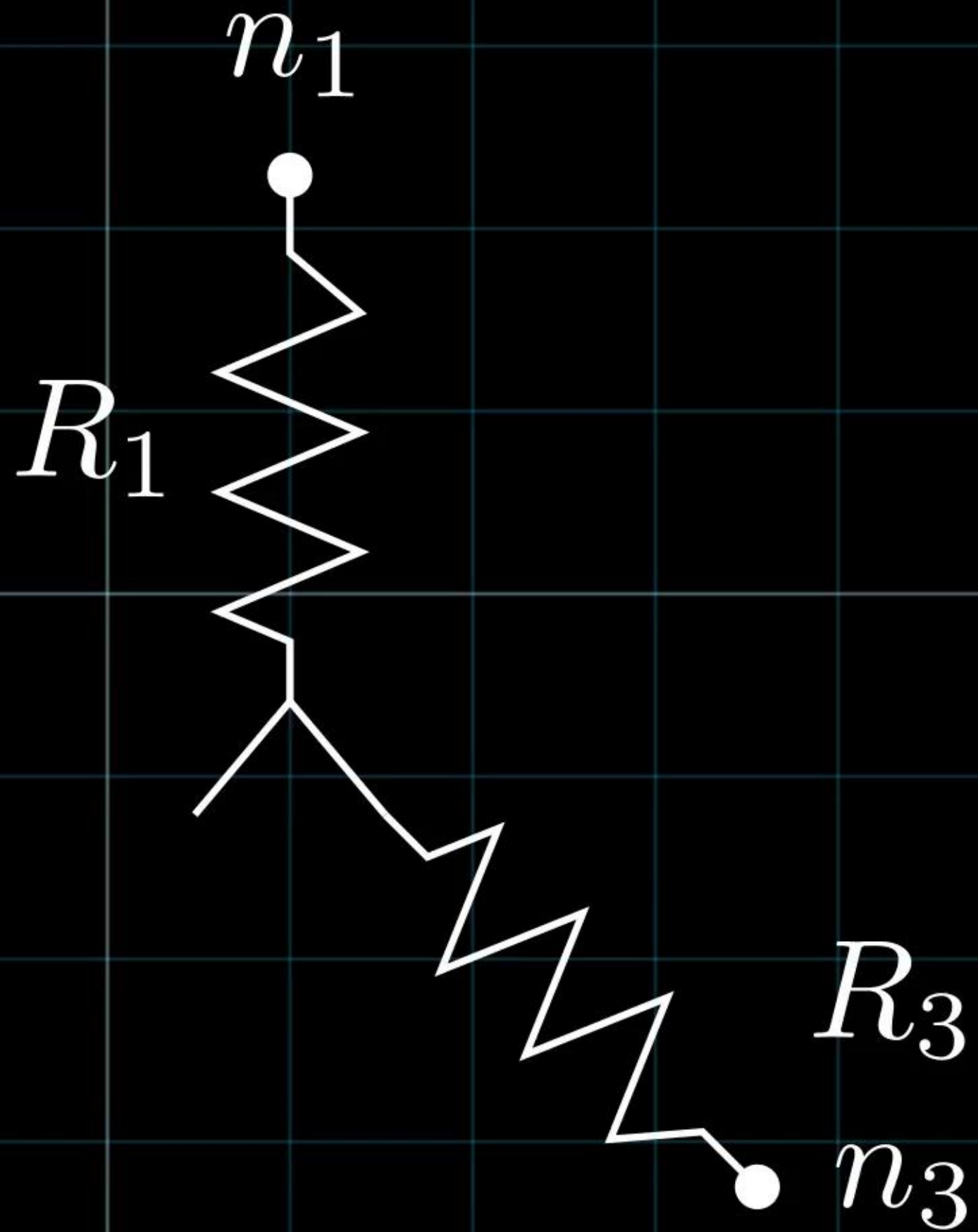
$$R_{n_1 n_2} = \frac{R_a(R_b + R_c)}{R_a + R_b + R_c}$$

$$R_{n_1 n_2} = \frac{R_c(R_a + R_b)}{R_a + R_b + R_c}$$

$$R_{n_1 n_3} = R_1 + R_3$$

R_2

$n_2 \bullet$



$$R_{n_1 n_3} = \frac{R_b(R_a + R_c)}{R_a + R_b + R_c}$$

$$R_{n_1 n_2} = \frac{R_a(R_b + R_c)}{R_a + R_b + R_c}$$

$$R_{n_1 n_2} = \frac{R_c(R_a + R_b)}{R_a + R_b + R_c}$$

$$R_{n_1 n_3} = R_1 + R_3$$

$$R_{n_1 n_2} = R_1 + R_2$$

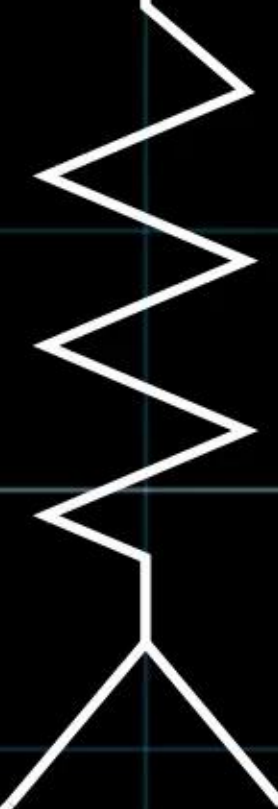
R_2

n_2



R_1

n_1



R_3

n_3



$$R_{n_1 n_3} = \frac{R_b(R_a + R_c)}{R_a + R_b + R_c}$$

$$R_{n_1 n_2} = \frac{R_a(R_b + R_c)}{R_a + R_b + R_c}$$

$$R_{n_1 n_2} = \frac{R_c(R_a + R_b)}{R_a + R_b + R_c}$$

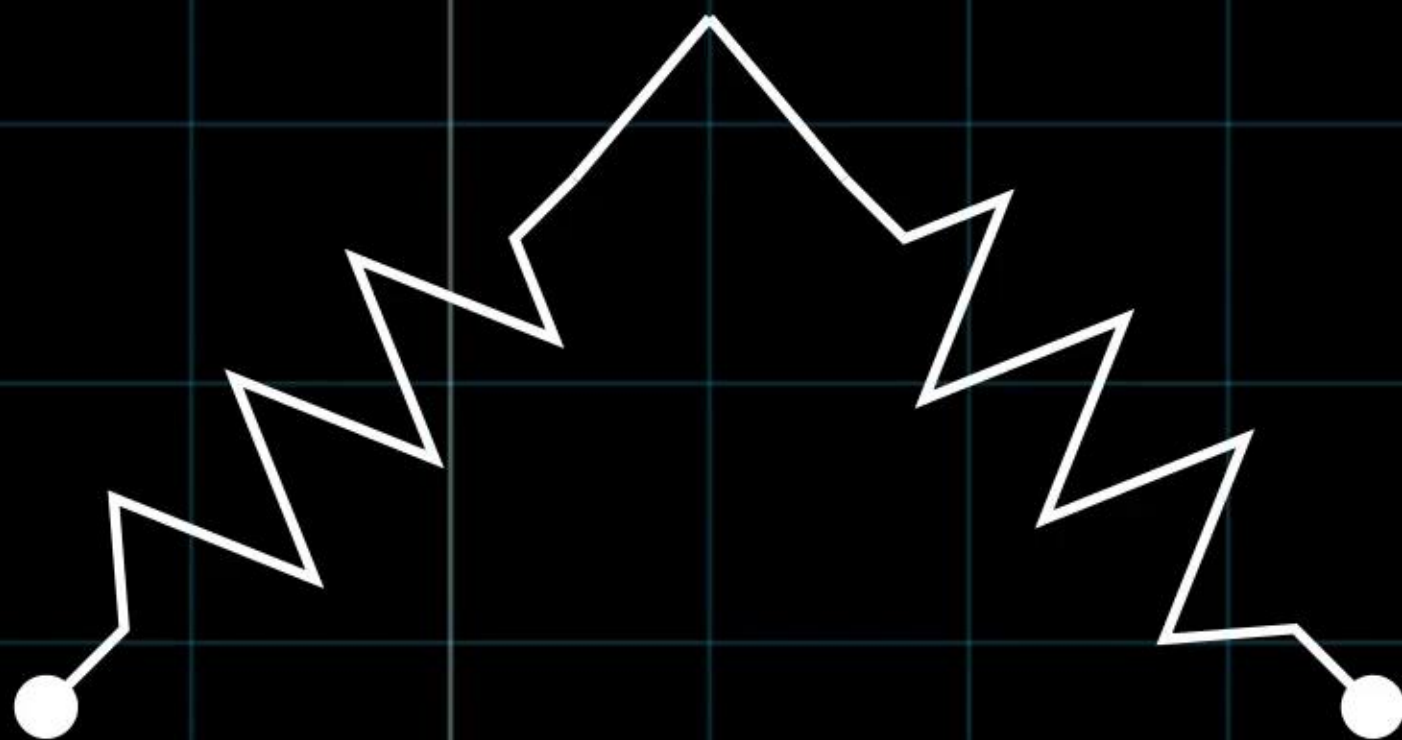
$$R_{n_1 n_3} = R_1 + R_3$$

$$R_{n_1 n_2} = R_1 + R_2$$

$$R_{n_2 n_3} = R_2 + R_3$$

R_2

n_2



R_3

n_3

R_1

n_1

$$R_{n_1 n_3} = \frac{R_b(R_a + R_c)}{R_a + R_b + R_c}$$

$$R_{n_1 n_2} = \frac{R_a(R_b + R_c)}{R_a + R_b + R_c}$$

$$R_{n_1 n_2} = \frac{R_c(R_a + R_b)}{R_a + R_b + R_c}$$

$$R_{n_1 n_3} = R_1 + R_3$$

$$R_{n_1 n_2} = R_1 + R_2$$

$$R_{n_2 n_3} = R_2 + R_3$$

