

$$\text{modul} := 2.5 \quad Z_1 := 18 \quad Z_2 := 18 \quad Z_3 := 30 \quad n := 3$$

$$\theta_1 := \frac{Z_1 + Z_2}{Z_2 + Z_3} \cdot \sin\left(\frac{\theta_1}{2}\right) = \sin\left(\frac{Z_2 - n}{Z_2 + Z_3} \cdot \pi - \frac{Z_1 + Z_2}{Z_2 + Z_3} \cdot \frac{\theta_1}{2}\right) \left| \begin{array}{l} \text{solve, } \theta_1 \\ \text{float, 8} \end{array} \right. \rightarrow 1.3326178$$

$$\theta_1 = 1.332618$$

$$\theta_1 = 76.353376 \cdot \text{deg}$$

$$\theta_2 := 2 \cdot \text{asin}\left(\frac{Z_1 + Z_2}{Z_2 + Z_3} \cdot \sin\left(\frac{\theta_1}{2}\right)\right)$$

$$\theta_2 = 55.234969 \cdot \text{deg}$$

$$b := \frac{\text{modul} \cdot (Z_1 + Z_2)}{2} \cdot \sin\left(\frac{\theta_1}{2}\right)$$

$$b = 27.813987$$

$$a := \frac{\text{modul} \cdot (Z_1 + Z_2)}{2}$$

$$c := \frac{\text{modul} \cdot (Z_2 + Z_3)}{2}$$

$$d := (a^2 - b^2)^{0.5} + (c^2 - b^2)^{0.5} = 88.538609$$