



$$I_a := (11392\text{A}) \angle 180.8$$

$$I_b := (10411\text{A}) \angle 6.4$$

$$I_c := (1438.6\text{A}) \angle 316.2$$

$$I_1 := \frac{I_a}{10\sqrt{3}}$$

$$I_2 := \frac{I_b}{10\sqrt{3}}$$

$$I_3 := \frac{I_c}{10\sqrt{3}}$$

$$I_A := I_1 - I_2$$

$$I_B := I_2 - I_3$$

$$I_C := I_3 - I_1$$

$$I_A = (-1.255 \times 10^3 - 76.185j) \text{ A}$$

$$I_B = (537.386 + 124.489j) \text{ A}$$

$$I_C = (717.601 - 48.305j) \text{ A}$$

$$|I_A| = 1.257 \times 10^3 \text{ A}$$

$$|I_B| = 551.617 \text{ A}$$

$$|I_C| = 719.225 \text{ A}$$

$$\arg(I_A) = -176.526 \text{ deg}$$

$$\arg(I_B) = 13.043 \text{ deg}$$

$$\arg(I_C) = -3.851 \text{ deg}$$