

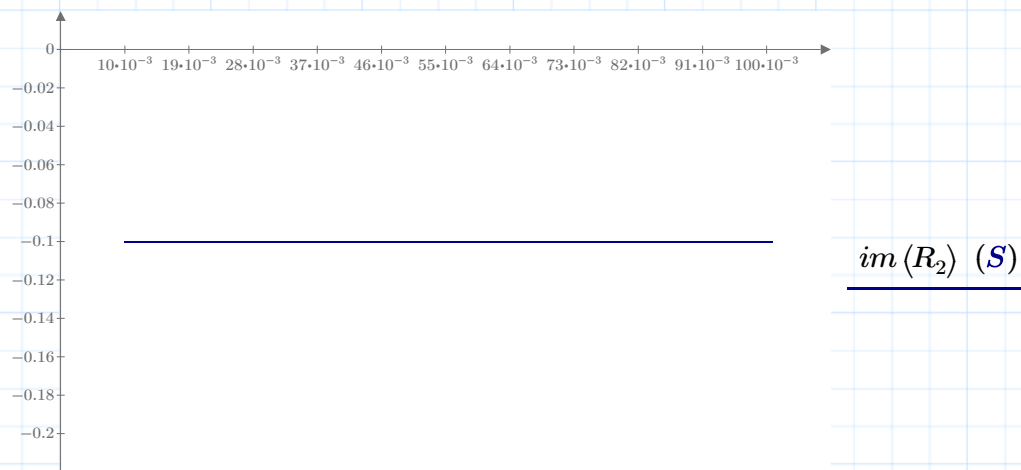
$$R_2 := 0,1 \Omega .. 10000 \Omega$$

$$X_l := 10 \Omega$$

$$X_c := 5 \Omega$$

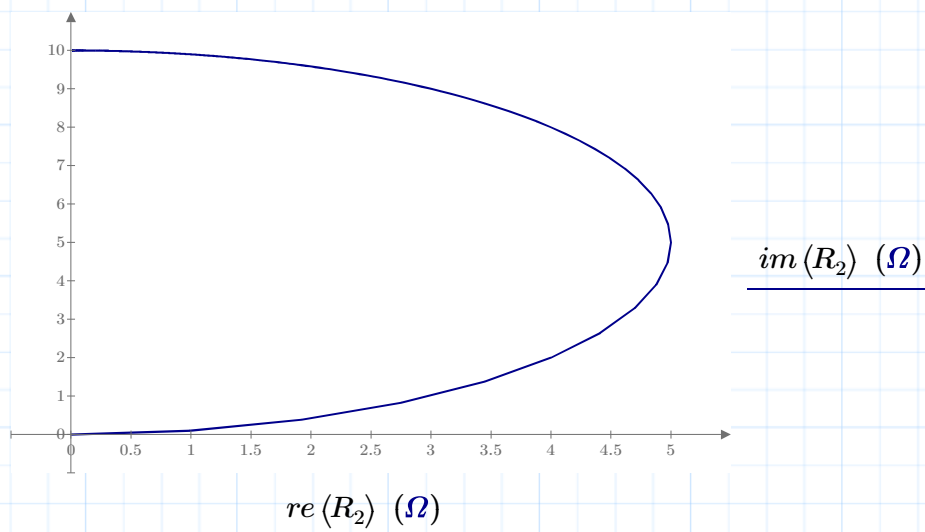
$$re(R_2) := \frac{1}{R_2}$$

$$im(R_2) := \frac{-1}{X_l}$$



$$re(R_2) := \frac{R_2 \cdot X_l^2}{R_2^2 + X_l^2}$$

$$im(R_2) := \frac{X_l \cdot R_2^2}{R_2^2 + X_l^2}$$



$$R_2 := 0,1 \Omega \dots 10000 \Omega$$

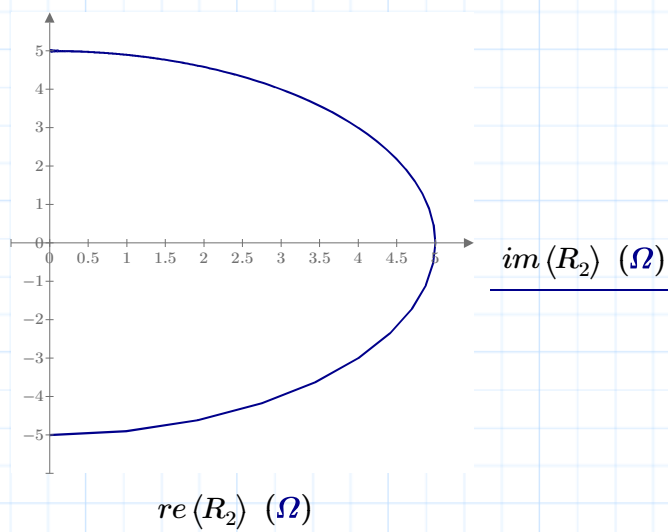
$$X_l := 10 \Omega$$

$$X_c := 5 \Omega$$

$$R_1 := 8 \Omega$$

$$re(R_2) := \frac{R_2 \cdot X_l^2}{R_2^2 + X_l^2}$$

$$im(R_2) := \frac{X_l \cdot R_2^2}{R_2^2 + X_l^2} - X_c$$



$$re(R_2) := \frac{R_2 \cdot X_l^2}{R_2^2 + X_l^2} + R_1$$

$$im(R_2) := \frac{X_l \cdot R_2^2}{R_2^2 + X_l^2} - X_c$$

