



A complex plane diagram with a horizontal real axis labeled  $\Re$  and a vertical imaginary axis labeled  $\Im$ . A thick vertical line is drawn along the positive imaginary axis, starting from the origin and extending upwards. The equation  $X_L = Z_L \overline{Z_L}$  is written to the left of the upper part of this line.

$$X_L = Z_L \overline{Z_L}$$