Problem 2.36 Use the Smith chart to find the normalized load impedance corresponding to a reflection coefficient:

(b) $\Gamma = 0.5\angle 60°$,

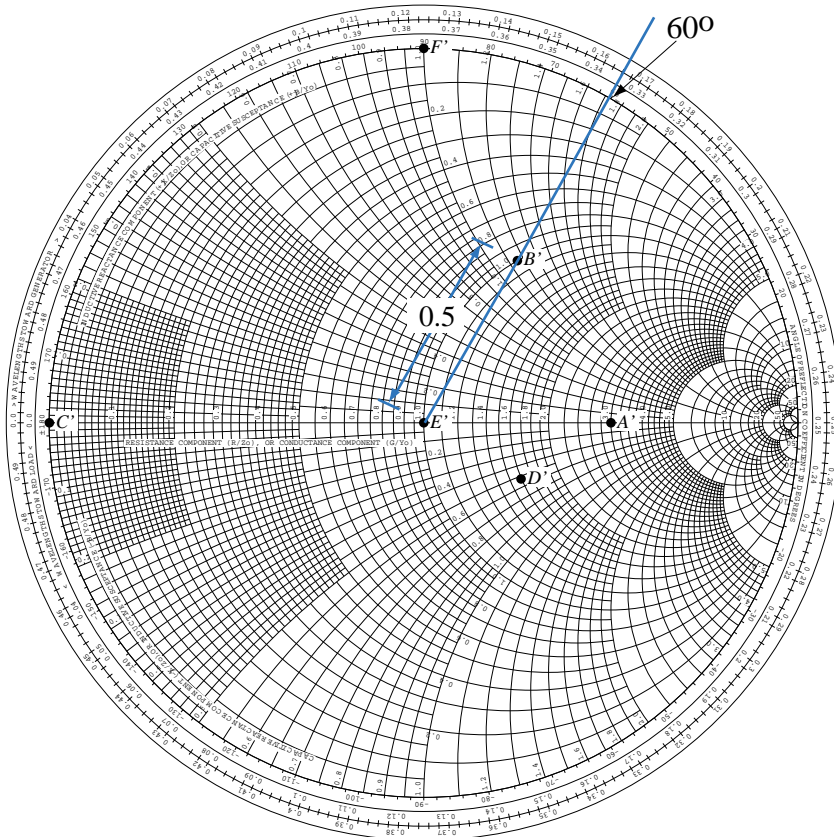

Figure P2.36: Solution of Problem 2.36.

Solution: Refer to Fig. P2.36.

(b) Point B' is $\Gamma = 0.5e^{j60°}$ at $z_L = 1 + j1.15$.