

Problem 2.56 Repeat Problem 2.55 using CD Module 2.6.

Solution: See Fig. P2.56(a) for answer to (a).

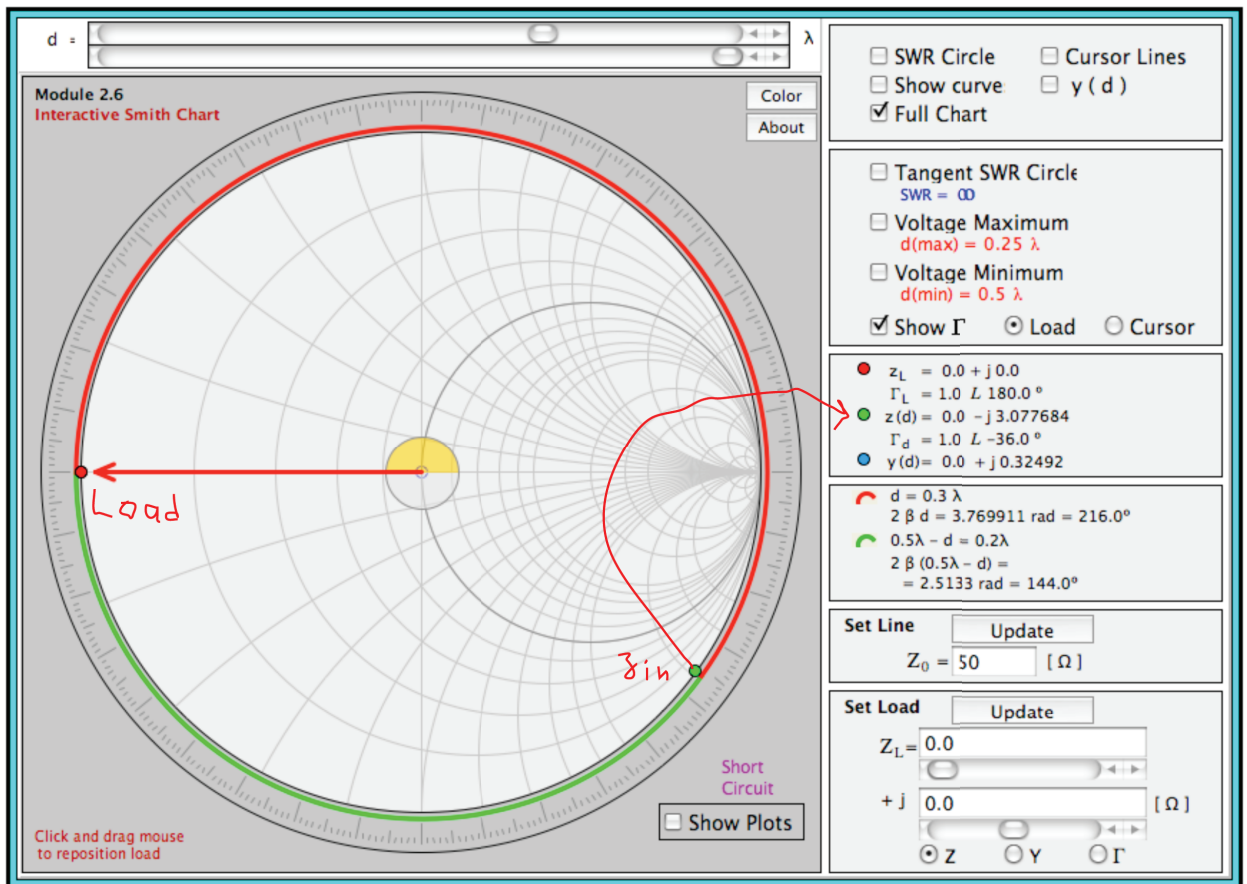


Figure P2.56(a)

For part (b), $Y_{in} = -j0.04 \text{ S}$ corresponds to

$$y_{in} = -j0.04 \times 50 = -j2.$$

In Fig. 2.56(b), the needed distance is $d = 0.0738\lambda$.

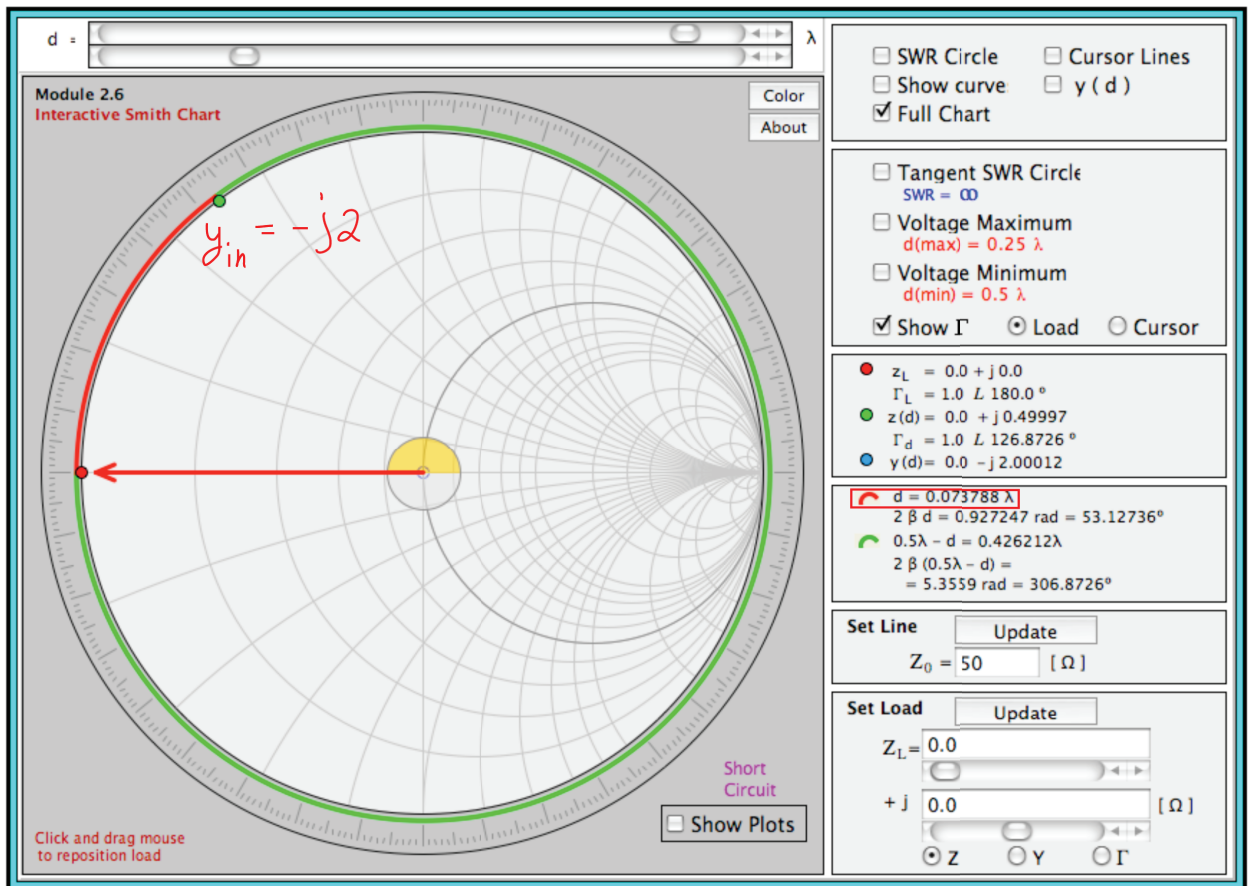


Figure P2.56(b)