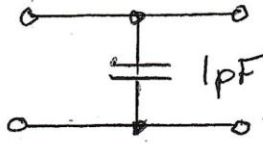


## Homework 2

Find the augmented admittance matrix and the scattering matrix of the two-ports shown. Assume that they are terminated by 50-ohm resistors.

(a)



$$f = 10 \text{ GHz}$$

(b)

