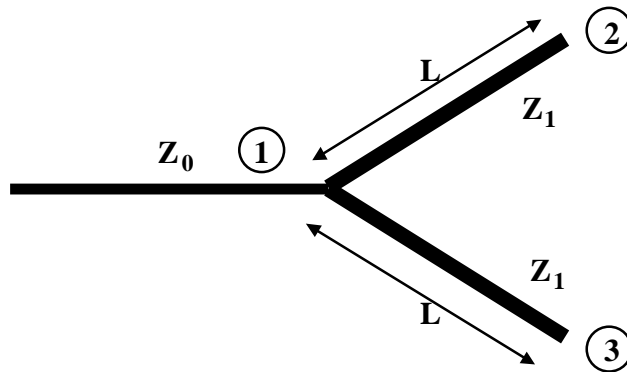


ECE424F MICROWAVE CIRCUITS

Homework #7

1. Determine the scattering matrix for the indicated lossless 3-port microstrip divider. It is given that $L = \lambda / 4$ and the system impedance level is Z_0 .



2. Problem 7.3

3. Problem 7.7

4. Problem 7.32

