EE 481/581 Microwave Engineering (Fall 2024)
Homework 8
Monday, October 21, 2024

1) 4.21

2) 4.22

3) 4.23

4) 4.24

5) 4.28

6) **EE 581 only:** 4.18 Hints: Can break 4×4 [S]-matrix into two separate 2×2 [S]-matrices which can be connected by the lossless TL. Then, create a SFG for the resulting system. Simplify.

Due Friday, October 25, 2024.