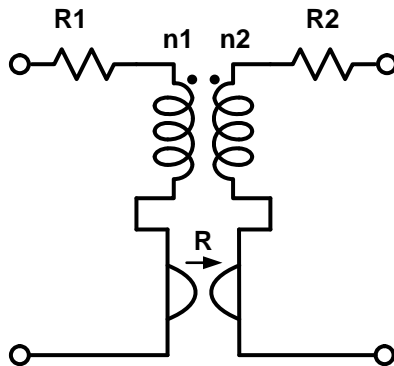# ECE 580 HW-2

Due Oct 26, 2016 in the class

Q1. Calculate the S parameters of the following two port network.

Q2. For the circuit shown below, calculate the sensitivity of Vout to R1, R2, R3, Gm1, Gm2 using the adjoint network concept.

Note: Use the ideal model for the transistors. Report result with sensitivity to R1, R2 and R3 and **NOT** G1, G2, G3.