ECE-382: Homework 4

Due: Feb. 9, 2007

1. Convert the block diagram in Problem B-3-2 (see Figure 3-72 at page 146 of textbook) to the equivalent signal flow graph. Then use Mason's rule to derive the end-to-end transfer function $\frac{C(s)}{R(s)}$.

2. Problem B-3-27 from the textbook.