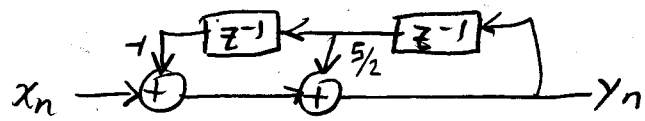
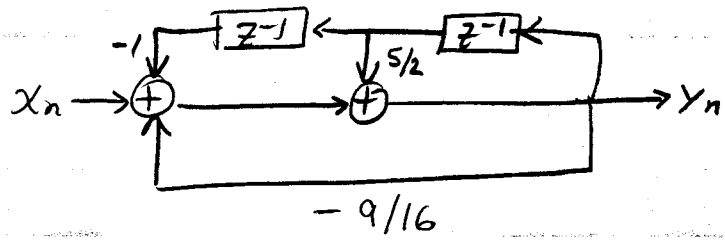
ECE 431
HW #11

1) Find the transfer function of

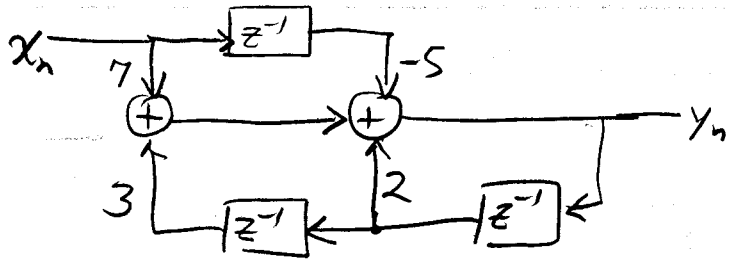


and determine if the system is stable.

2) Repeat for



3) Find the transfer function of



4) For the system in Problem 3, can you find a realization with fewer delay elements? If yes, show it.

5) Draw the transpose of the systems in Problems 1 and 2.