

Homework #2, ECE 340, Fall 2011
Due Tuesday, Sept 20 at the beginning of class

- Textbook 2.3-2
- Textbook 2.3-4
- Textbook 2.4-4
- Textbook 2.4-6
- Textbook 2.4-8 (a) and (b)
- Textbook 2.4-11(a) and (d)
- Textbook 2.4-13
- Textbook 2.4-18 pairs (a), (d), and (g)
- Textbook 2.6-1 (a) and (d)
- Textbook 2.6-3

For the system impulse response shown in textbook problem 2.4-13, find the system transfer function $H(s)$. Then use Matlab to plot $|H(s)|$ versus ω when $\sigma = 0$. What kind of system is this?