

ECE 360
Homework #9
Due November 25, 2002

- Read 3.1, 3.2, 3.3, 3.4, 3.5, 3.6, 5.2, 5.4 and 5.5 from Ambardar.
-
1. 3.6 a,d.
 2. 3.7 b, c, d for Signal 3.
 3. 3.8 a, b, c, j
 4. 3.12 a
 5. 3.13 a, f, h
 6. Determine whether the following systems are linear, time-invariant, causal, dynamic and stable.
 - a) $y[n] = x[n]x[n-1]$
 - b) $y[n] = nx[n]$
 - c) $y[n] - y[n+1] = x[n+2]$
 7. 5.26 a, c, e