

Homework Assignments

I. Due Monday March 31

2.2a,b, 2.5, 2.6, 2.7a, 2.8, 2.11(plots only, no need to write equations), 2.12a,c,e, 2.16, 2.17, 2.18a, 2.20a, 2.21(no need to sketch results), 2.23a,b, 2.24, 2.26, 2.27a,f, 2.28a

II. Due Monday April 7

3.1a parts i,ii and 3.1b parts i,iv, 3.2 (sketch only), 3.4a, 3.5a, 3.6 (notice that second $x(t)$ plot should be $h(t)$), 3.7b, 3.8, 3.10, 3.12a,b,c, 3.13a, 3.14a,b, 3.16a, 3.17a, 3.18, 3.19a,b,c, 3.20, 3.22a,b,c, 3.23a parts i,ii,iii, 3.26a,b,

III. Due Wednesday April 16

3.27a parts ii,iv (I will do i in class), 3.28 (roots([1 1 4 30])), 3.29, 3.31a,b and 4.1 a,c (note $\omega_0=2$), 4.2a(all parts i-vi), 4.4, 4.5, 4.6, 4.10a,c (compute C_0 and C_k).

IV. Due Wednesday April 28

5.2a,c, 5.4b,e,f,g, 5.5, 5.6a,d (no need to plot results), 5.7(1st and 3rd signals), 5.8b, 5.9a, 5.11, 5.16b,e,f, 5.18, 5.20b (convert to frequency domain, multiply, and convert back; tough problem), 5.26

Last class Wednesday April 30

Final Exam Friday May 2 from 7-10pm in room 163 Everitt