

EE 420: Digital Signal Processing

Suggested Problems

Note: All exam problems are also recommended.

Chapter	Section	Problems
2	General Review	2.5(a,e),2.9(a),2.15 (a),2.16,2.17(a),2.25(a),2.36(a),2.42,2.65,2.88
3		3.13,3.14,3.17 (a,b),3.22(a),3.25,3.32,3.33,3.35,3.38 (a,b,c),3.46,3.65
4	4.1 4.2 4.3 Note: 4.4 & 4.5 will be taken later (with chapter 9)	4.5,4.9,4.11,4.12 (a) 4.13, 14, 15, 22, 23, 28, 29, 31
5	5.2 5.3.1 5.3.4 5.4.1 5.4.2 5.7 5.9 5.10	5.9 (a), 5.34 (a,b,c),5.35 (a,b,c), 5.29 (a),5.34 (d,e),5.41, 5.44, 5.29 (b), 5.35 (d,e), 5.42, 5.43, 5.45, 5.54, 5.56, 5.57
6	6.1 6.2 6.3 6.4 except 6.4.1 6.5 6.7.1 6.7.2	6.3, 6.8, 6.3, 6.5, 6.14, 6.20(a), 6.23(b), 6.26, 6.37, 6.42, 6.43

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	6.7.5	
7	7.1.1 7.1.3, 7.2.1 7.2.2 7.3 7.4 except 7.4.3	5, 8a, 13, [16-18], [19-20], 21*, 30, [37,39], 48, [53-56], 60*, 62
8	8.1 8.2 8.3 8.4	2b, 3, 5, 6, 7, 10, 11a, 20, 21a, 22, 24*, 25*, 27
9	9.1 9.2 9.3 9.4	9a, 10, 11a, 12, 13, 14
10	10.1.1 10.2.1 10.2.2 10.2.3 10.2.4 10.2.5	10.15 (a)
13	13.1.1 13.1.2 13.1.3	13.15