

Ogata, Ch. 5 and Ch. 6: Problems

Homework No.	5-B (p.330-336)	6-B (p.413-415)
1	9, 15, 25, 30	3, 9, 12
2	9, 15, 25, 31	3, 9, 13
3	9, 15, 26, 30	3, 9, 15
4	9, 15, 26, 31	3, 9, 16a
5	9, 15, 28, 30	3, 10, 12
6	9, 15, 28, 31	3, 10, 13
7	9, 16, 25, 30	3, 10, 15
8	9, 16, 25, 31	3, 10, 16a
9	9, 16, 26, 30	3, 11, 12
10	9, 16, 26, 31	3, 11, 13
11	9, 16, 28, 30	3, 11, 15
12	9, 16, 28, 31	3, 11, 16a
13	10, 15, 25, 30	5, 9, 12
14	10, 15, 25, 31	5, 9, 13
15	10, 15, 26, 30	5, 9, 15
16	10, 15, 26, 31	5, 9, 16a
17	10, 15, 28, 30	5, 10, 12
18	10, 15, 28, 31	5, 10, 13
19	10, 16, 25, 30	5, 10, 15
20	10, 16, 25, 31	5, 10, 16a
21	10, 16, 26, 30	5, 11, 12
22	10, 16, 26, 31	5, 11, 13
23	10, 16, 28, 30	5, 11, 15
24	10, 16, 28, 31	5, 11, 16a
25	11, 15, 25, 30	7, 9, 12
26	11, 15, 25, 31	7, 9, 13
27	11, 15, 26, 30	7, 9, 15
28	11, 15, 26, 31	7, 9, 16a
29	11, 15, 28, 30	7, 10, 12
30	11, 15, 28, 31	7, 10, 13

Homework No.	5-B (p.330-336)	6-B (p.413-415)
	11, 16, 25, 30	7, 10, 15
32	11, 16, 25, 31	7, 10, 16a
33	11, 16, 26, 30	7, 11, 12
34	11, 16, 26, 31	7, 11, 13
35	11, 16, 28, 30	7, 11, 15
36	11, 16, 28, 31	7, 11, 16a
37	27, 15, 25, 30	8, 9, 12
38	27, 15, 25, 31	8, 9, 13
	27, 15, 26, 30	8, 9, 15
40	27, 15, 26, 31	8, 9, 16a
	27, 15, 28, 30	8, 10, 12
42	27, 15, 28, 31	8, 10, 13
43	27, 16, 25, 30	8, 10, 15
44	27, 16, 25, 31	8, 10, 16a
45	27, 16, 26, 30	8, 11, 12
46	27, 16, 26, 31	8, 11, 13
47	27, 16, 28, 30	8, 11, 15
48	27, 16, 28, 31	8, 11, 16a
49	4, 15, 25, 30	4, 9, 12
50	4, 15, 25, 31	4, 9, 13
51	4, 15, 26, 30	4, 9, 15
52	4, 15, 26, 31	4, 9, 16a
53	4, 15, 28, 30	4, 10, 12
54	4, 15, 28, 31	4, 10, 13
55	4, 16, 25, 30	4, 10, 15
56	4, 16, 25, 31	4, 10, 16a
57	4, 16, 26, 30	4, 11, 12
58	4, 16, 26, 31	4, 11, 13
59	4, 16, 28, 30	4, 11, 15
60	4, 16, 28, 31	4, 11, 16a

Those time response and root-locus plots which are obtained by hand, are also to be plotted using MATLAB.

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