MA26600   ASSIGNMENT SHEET   SUMMER 2018

Text: *Elementary Differential Equations and Boundary Value Problems, by Boyce and DiPrima, 10th Edition, Wiley*

Boldface letters denote Supplemental Problems available on the course web page:
www.math.purdue.edu/ma266

Lesson	Sections	Problems
1	1.1 & **dfield8**	p.7: 2, 5, 11, 14, 15, 17, 19
2	1.2	p.15: 1, 8
	1.3	p.24: 1, 2, 3, 4, 6, 8, 11, 18, 20; **A**
3	2.1	p.39: 1, 3, 13, 18, 23, 24, 28, 32
4	2.2 (Homogeneous equations)	p.48: 1, 4, 9, 11, 14, 22, 23, 28, 32, 36; **B, C**
5	2.3	p.60: 1, 2, 3, 4, 16, 20, 21, 22, 23, 29
6	2.4	p.76: 2, 4, 7, 11, 17, 18, 22ab, 28; **D**
7	2.5	p.88: 3, 4, 12, 17, 22; **E**
8	2.6	p.101: 1, 3, 6, 8, 10, 14, 16, 18;**F**
9	2.7	p.110: 1, 4,12, 17, 20abd; **G, H, I**
10	3.1	p.144: 1, 2, 6, 7, 10, 16, 17, 19, 22, 23
11	3.2	p.155: 1, 5, 7, 9, 13, 14, 18, 24, 25, 28 (Review complex numbers)
12	3.3	p.164: 1, 6, 8, 10, 11, 17, 19, 23
13	3.4	p.172: 2, 4, 8, 14, 15, 18, 23, 25
14	3.5	p.184: 1, 2, 5, 8, 10, 15, 16, 18, 20, 21a, 22a
15	3.6	p.190: 2, 3, 10, 13, 15; **J**
16	3.7	p.203: 1, 3, 4, 6, 9, 17, 28
17	3.8	p.217: 6, 7, 9, 10
18	4.1	p.226: 3, 4, 6;
	4.2	p.233: 11, 12, 19, 22, 31, 34;
		Project #1 is due with HW 18
19	4.3	p.239: 2, 4, 6, 10, 12, 16, 18; **K**
20	6.1	p.315: 1, 4, 5b, 8, 10, 12, 15;
		Project #2 is due with HW 20
21	6.2	p.324: 1, 5, 8, 10, 11, 19, 21, 24, 26
22	6.3	p.333: 1, 2, 13, 14, 17, 18, 19, 21, 22, 23
23	6.4	p.340: 1, 2, 3, 6, 9, 11, 12
24	6.5	p.348: 1, 4, 8, 11, 14ab; **L**
25	6.6	p.354: 4, 5, 6, 8, 10, 14, 17
26	7.1, 7.2	p.363: 1, 2, 10; **M**; p.376: 2, 22, 23
27	7.3, 7.4	p.388: 13, 16,17, 20
28	7.5	p.405: 1, 4, 9, 15; **N**;
		Project #3 is due with HW 28
29	7.6	p.417: 1, 2, 6, 10, 16
30	7.8	p.436: 1, 7, 9; **O**
31	7.9	p.447: 3, 7; **P**