PROBLEM CHANGES IN BOYCE/DIPRIMA 9e

Note: first column lists problems in 9th ed; second column states where they appeared in 8th ed or if they are new problems.

CHAPTER 1

no changes in problems

CHAPTER 2

no changes in Sections 2.1 through 2.9.

Miscellaneous Problems

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CHAPTER 3

no changes in Section 3.1

Section 3.2 (has been combined with Section 3.3 in 8th ed)

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Section 3.3

1 - 33 3.4/ 1 - 33
34 3.4/ 38 modified
35 - 38 3.4/ 39 - 42
39 - 42 new
43 - 46 3.4/ 34 - 37

Section 3.4

1 - 42 3.5/ 1 - 42
43 - 46 new

Sections 3.5, 3.6, and 3.7

no changes from corresponding sections in 8th ed

Section 3.8

1 - 12 3.9/ 1 - 12
13 3.9/ 13 expanded (the first "Derive" should be part (a) )
14 - 25 3.9/ 14 - 25

CHAPTER 4

Section 4.1

1 - 24 1 - 24
25 3.3/ 28 modified
26 - 28 26 - 28

Sections 4.2 through 4.4

no changes

CHAPTER 5

Section 5.1

no changes

Section 5.2

1- 14 1 - 14 modified; problems now have separate parts (a),...(d); part (c) is new
15 - 18 15- 18 
19 19 modified by making separate parts (a), (b).
20 - 28 20 - 28

Section 5.3

no changes

Section 5.4 (has been combined with Section 5.5 in 8th ed)

1 - 16 5.5/ 1 - 16
17 - 34 5.4/ 1 - 18
35 - 40 5.5/ 17 - 22
43 - 49 5.4/ 19 - 27
Section 5.5 (5.6 in 8 ed)
1 - 10 modified; problems now have separate parts (a),..., (d).
11 modified; separate parts (a) and (b)
12
13 modified; separate parts (a), (b), (c).
14 modified; separate parts (a),..., (d).
15
16 modified; separate parts (a),..., (e).

Section 5.6 (5.7 in 8 ed)
1 - 12 modified; separate parts (a) and (b).
13 - 17
18 modified; separate parts (a),..., (d).
19 - 21

Section 5.7
no changes

CHAPTER 6

Sections 6.1 and 6.2
no changes

Section 6.3
1 - 6  1 - 6
7 - 12  7 - 34

Section 6.4
1 - 13  1 - 13 modified; separate parts (a) and (b).
14 - 23  14 - 23

Section 6.5
1 - 12  1 - 12 modified; separate parts (a) and (b).
13 - 25  13 - 25

Section 6.6
no changes

CHAPTER 7

Section 7.1
8 - 12 modified; separate parts (a), (b), (c)

Section 7.2
no changes

Section 7.3
1 - 5  1 - 5
6  new
7 - 25  6 - 24
Section 7.4
no changes

Section 7.5
1 - 6  1 - 6 modified: separate parts (a) and (b)
7 - 8  7 - 8 modified: separate parts (a) and (b)

Section 7.6
1 - 6  1 - 6 modified: separate parts (a) and (b)

Section 7.7
1 - 10 1 - 10 modified: separate parts (a) and (b)

Section 7.8
1 - 4  1 - 4 modified: separate parts (a),(b),(c)
5, 6   5 - 6 instructions separate from those for 1 - 4
7 - 10 7 - 10 modified: separate parts (a) and (b)
11 - 12 11 - 12 modified: separate parts (a) and (b)

Section 7.9
no changes

CHAPTER 8
no changes

CHAPTER 9
Section 9.1
no changes

Section 9.2
1 - 4  1 - 4
5 - 16 new part (d) added
5 - 6   5 - 6
7, 8    new
9 - 13  9 - 13
14 - 16 new
17 - 28 15 - 26

Note: old Problems 7, 8, 14 deleted

Section 9.3
1 - 8  1 - 8
9    new (replaces old Problem 9)
10 - 16 10 - 16
17, 18 new
19 - 30 17 - 28
Section 9.4
1 - 16 1 - 16
17 - 19 new

Section 9.5
1 - 5 1 - 5
6 6 modified: separate parts (a),..., (d)
7 - 10 7 - 10
11 - 16 new (replaces old 11 - 13)

Section 9.6
no changes

Section 9.7
1 - 16 1 - 16
17 - 19 new
20, 21 17, 18

Section 9.8
1 - 10 1 - 10
11 - 15 new

CHAPTER 10
Section 10.1
no changes

Section 10.2
25, 26 25, 26 modified: separate parts (a) and (b)

Section 10.3
no changes

Section 10.4
15 - 22 15 - 22 modified: separate parts (a) and (b)
40 40 modified; separate parts (a) and (b)

Section 10.5
20 20 modified; separate parts (a) and (b)

Section 10.6
no changes

Section 10.7
12 - 14 12 - 14 modified; separate parts (a) and (b)
24 24 modified: part (a) split into two parts (a) and (b);
parts (b, c, d) relabeled as (c, d, e)

Section 10.8
no changes
CHAPTER 11

Section 11.1

7 -10  7 - 10 modified; separate parts (a),..., (d)

21  21 modified; part (a) separated into (a, b, c); part (b) separated into (d, e)

25  25 modified; part (c) separated into (c, d)

otherwise no changes in this section

Section 11.2

20  20 modified; problem has been reworded and separated into parts

otherwise no changes in this section

Sections 11.3 through 11.6

no changes