

# MATH-2400 Introduction to Differential Equations

## Recommended Text Problems

### Solutions Available Online - Fall 2009

Text: W.E. Boyce and R.C. DiPrima, *Elementary Differential Equations and Boundary Value Problems*, Ninth Edition. Any differences from Ninth Edition are shown in **red for Eighth Edition** and **blue for Seventh Edition**. Online solution numbers correspond to the Seventh Edition.

Sec. (9 <sup>th</sup> , 8 <sup>th</sup> , 7 <sup>th</sup> )	Page (9 <sup>th</sup> , 8 <sup>th</sup> , 7 <sup>th</sup> )	Problems, 9 <sup>th</sup> Edition	8 <sup>th</sup> Edition	7 <sup>th</sup> Edition
1.1	7	8	4,6,9,12,22,24	4,6,9,12,16,17
1.2	15	14	1,3,7,10,14,19	1,3,6,9,12,15
1.3	24	22	1,2,6,7,11,18,20,26	
2.1	39	38	2,4,12,18,20,28,30,35	2,4,12,18,20,26,28,32
2.2	47	45	2,4,11,14,15,22,27	
2.3	59	57	2,3,7,9,13,16,19,22	2,3,6,9,15,18,20,23
2.5	88	84	2,3,7,8,9,10,15,22,23	
3.1	144	142 136	1,4,7,10,12,17,20,21	
3.2	155	151 145	3,8,11,18,22,25	3,8,11,18,21,24 3,8,11,18,21,24
3.3	3.4 3.4	163 164 158	2,8,10,11,18,19,24,27	
3.4	3.5 3.5	171 172 166	2,4,7,11,14,16,28,38	
3.5	3.6 3.6	183 184 178	4,7,9,10,14,15,19,21,23	
3.7	3.8 3.8	202 203 197	2,6,7,9,13,17,21,24,27	
3.8	3.9 3.9	215 214 205	2, 5, 6, 7, 8, 11, 17	
7.1	359	360 344	2,3,7,14,17	
7.2	371	372 355	22,24	
7.3	383	366	6,7,16,17,24,25	6,7,15,16,23,24 6,7,15,16,23,24
7.5	398	381	3,5,7,12,16,24,25,30	
7.6	409	410 390	1,3,4,9,13,16	
9.1	494	492 468	1,2,4,5,6,7,17	
9.2	506	501 477	1,4,7,8,11,13	
10.1	583	575 547	2,4,7,14,16,19	2,4,7,11,12,16
10.2	592	585 555	10,13,14,15,18,19,22	
10.3	600	592 562	1,2,3,5,7,10	
10.4	608	600 570	7,14,15,21,23,27,38,39	
10.5	618	610 579	2,5,7,8,9,13,14,18,20,22	
10.6	627	620 588	3, 4, 7, 11, 13, 15	
10.7	640	632 600	1, 2, 6, 7, 10, 12, 13	