

Math 252 Suggested Homework: Zill, 10th Edition

(Updated Dec. 2015)

1.1	1, 3, 5, 7, 29, 31
1.2	1, 3, 9, 11, 25, 27
2.2	5, 7, 9, 11, 13, 15, 17, 21, 23, 25
2.3	5, 7, 9, 11, 13, 15, 17, 19, 21, 23, 27, 29, 33, 53
2.4	3, 5, 7, 9, 11, 15, 21, 23, 25, 27, 31, 33, 35, 37
2.5	1, 5, 7, 9, 11, 13, 17, 19, 23, 25, 27, 37 For #37: Refer to 2.4 #45 for initial conditions, and to check your answer.
3.1	3, 11, 13, 16, 19, 21, 27, 35 Answer to #16: 9.02 min
4.2	3, 7, 9, 11, 13, 15
4.3	3, 5, 7, 9, 11, 13, 15, 17, 21, 23, 29, 31, 35
4.4	5, 7, 9, 13, 19, 21, 27, 29, 31
4.6	3, 5, 11, 13, 15, 17, 21
4.7	odds 1-29
5.1	11, 21, 27, 29
6.2	9, 11, 13, 15, 19, 21, 23 Just find the first few coefficients; don't give answers in sigma notation.
7.1	23, 25, 27, 37, 39 For #37 and 39: Use the Laplace transform formula sheet
7.2	1, 3, 7, 13, 15, 17, 19, 23, 25, 27, 29, 31, 33, 35, 37
7.3	1, 3, 7, 9, 11, 13, 17, 25, 27, 29, 39, 41, 43, 45, 47, 55, 57, 59, 63, 67
7.4	1, 3, 7, 11, 13, 19, 23, 27, 31, 33, 49
7.5	odds 1-11
8.1	1, 7, 11, 21
8.2	1, 7, 13, 19, 21, 23, 27, 33, 41 Caution: Eigenvectors are not unique. Neither are vectors P and Q. Correct answers may look different than what appears in the back of the book.
8.3	11, 13, 15, 17