MATH 550 (Section 1)
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Homework Problems for Chapter 4
Vector-Valued Functions

Section	Page	Problems
4.1	254	# 2, 3*, 10, 11, 13*, 17, 19(ad*), 20
4.2	262	# 1, 4*, 7, 9*, 10, 12*
4.3	272	# 2, 3, 4*, 5, 8*, 10, 13, 16, 17*
4.4	286	# 1, 3, 5, 6, 8*, 13, 16, 17*, 20, 25*, 27, 30*, 32
Review	289	# 2*, 9, 11*, 13, 19*, 23*, 32, 33a

Notes

- Problems marked with an asterisk (*) will be collected and graded. In general, problems will be due the Monday following the lecture in which the section was discussed.
- These problems have been selected as the minimum amount of work that you should be doing for this course. Some problems will be straightforward computations; some will require the construction of a logical argument using the terminology and concepts discussed in class; some problems will require you to expand your knowledge (with given information) and apply this to a new setting.
- If you need more practice, there are many other problems in the text that are similar to the ones I have assigned.
- Be sure you know how to do all of these problems. Do not hesitate to ask questions – in class, by e-mail, or during office hours.