MATH 550 (Section 1) University of South Carolina
D. Meade Fall 1996

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, 7*, 9, 10, 12, 13*
4.3	272	# 2, 3, 4*, 7*, 10, 15, 17(a*)
4.4	286	# 3, 5, 7*, 14, 15*, 22, 25*, 27, 29*, 30
Review	289	# 1*, 9, 11*, 13, 23*, 32

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.