

Vector Calculus

Homework Set 1

Due Wednesday, 14 January 2004

Course Web Site: <http://www.math.sfu.ca/~ralfw/math252/>

Problems from Davis and Snider "Introduction to Vector Analysis" (some of these problems are a review of analytic geometry):

- Section 1.2 (pp.6–7): 2, 6, 8
- Section 1.3 (p.8): 6, 7, 8, 12
- Section 1.4 (pp.10–11): 6, 12
- Section 1.5 (pp.14–15): 10, 12, 13, 18
- Section 1.6 (p.17): 3, 6, 7
- Section 1.7 (pp.23–24): 7, 13, 14, 17, 26