18.02 Problem Set 12 Spring 2006

Due Thursday May 11, 12:55 pm

Part A (5 points)

Hand in the underlined problems only; the others are for more practice.

Lecture 33. Thu May 4  Stokes’ theorem.
Read: 21.5, Notes V13  Work: 6F/ 1ab, 2, 3, 5.

Lecture 34. Fri May 5  Understanding curl. Review.

Lecture 35. Tue May 9  Exam 4 covering lectures 28–34 and triple integrals (lectures 20–21).
If there is a probability question on Exam 4, it will only ask for the ratio of two integrals, the part to the whole, or an average value. There will be no questions about conditional probability.

Lecture 36. Thur May 11  Topological issues
Read: Notes V6, V7, V14.  Work: 6G/ 1; 6H/ 1, 2.

Read: 21.6, Notes V15.

There is no Part B.