

Advanced Calculus 425

Homework 8

Due Sunday April 26.

Conservative vector fields and Gauss theorem



A. Read the book

In chapter 8: sections 2, 3,4,6.

B. Read the handwritten notes

Sections 8.1-8.4.

C. Problems from the book

- Section 8.3, problems 2, 3, 4, 5, 7, 9, 11, 15.
- Section 8.4, problems 1, 3, 10, 12, 13.