

PROBLEM SET 8, 25600 SECTION 31

Due Friday May 22 in class.

1. (10 points) Fraleigh, problem 50-2, 4, 6, 8 and 10.
2. (10 points) Fraleigh, problem 50-14.
3. (3 points) Fraleigh, problem 50-17.
4. (6 points) Fraleigh, problem 50-22. This problem will be important later.
5. (2 points) Fraleigh, problem 51-4.
6. (10 points) Fraleigh, problem 51-8.
7. (15 points) Fraleigh, problem 51-15, 16, 17 and 18. This shows that we can “differentiate” polynomials over any field.