Math 2574H

Honors Calculus IV Spring Semester 2019

Assignment 13 - Due Thursday 5/2/2019.

Exercises from Edwards and Penney:

8.1: 1, 3, 8, 9, 21, 25

8.2: 2, 14, 19, 27

9.1: 1, 2, 3, 4, 9, 10, 13, 14, 16, 18, 24

Things we might have done:

7.5: 1, 3, 5, 7, 11, 20(no graphing) This deals with matrices that are not diagonalizable, and a different approach to this is taken in 8.1.

9.2: 3, 5, 9, 11, 13, 15, 20, 23, 33 We probably learned enough about this in section 9.1.

9.3: 3, 4, 5, 11, 13

10.1: 3, 12, 14, 20 This is about Laplace transforms, but it is hard to see how to fit all these topics into the course.

10.2: 6, 12, 13, 14, 16, 19, 24

Final exam: 12:00-3:00 Thursday May 9