Math 2573H

Honors Calculus III Fall Semester 2020

Assignment 8 - Due Thursday 11/5/2020

Exercises from Colley:

4.3: 2, 6, 8, 9, 22, 32

5.1: 2, 5, 6, 7, 10

5.2: 2, 3, 4, 6, 12, 17, 18, 22

5.3: 2, 3, 4, 10, 12, 15, 16

Upload to Gradescope only the following 10 questions:

4.3: 6, 9, 32

5.1: 6

5.2: 3, 6, 17

5.3: 10, 12, 16

Notes

In Section 4.3 we are not going to do the Hessian criterion that starts at the bottom of page 286. We are not going to do Section 4.4 at all. The examples given there are from statistics, physics and economics, and are quite technical. Look at them if you want, but if time is short just go straight on to 5.1.