

Basic Information

This assignment is due on Gradescope by **3:00 PM on Tuesday, April 7**.

Make sure you understand MHC [honor code](#) and have carefully read and understood the additional information on the [class syllabus](#). I am happy to discuss any questions or concerns you have!

A major component of this class is helping you understand *why* the mathematics you use works the way it does. To that end, make sure you show all your work as you will be graded on the *process* you use, not just your final answer. And if a question asks you to explain why something is true, be sure to answer that part of the question in complete sentences. Remember, answers without any work will receive 0 points.

The homework problems will be graded anonymously so please do not put your name or other identifying information on the pages.

Turn-In Problems

- 3.6: 26, 38
- 4.1: 6 (just find the critical points), 10, 18
- 4.2: 4
- 4.3: 2, 4

Additional Problems (to do on your own, not to turn in)

- 3.6: 27, 33
- 4.1: 5, 11, 17
- 4.2: 5
- 4.3: 1, 5