MATH 141 Calculus 2
Fall 2015
Info on quiz 3

Time: 16, 17, 18 November, at the start of tutorials

Duration: 40 minutes

Coverage: From the start of the course up to and including the lecture of 4 November; i.e. Sections 5.1 - 5.5, 6.1 - 6.3, 7.1 - 7.5, 7.8, 8.1 - 8.2, 10.1 - 10.2.

Questions: There will be two questions, of the following types respectively:

1. (7 points) Compute two improper integrals, or explain why they diverge.
2. (14 points) Calculate something about tangents of a parametric curve, and calculate its length or surface area of revolution.

The questions for each tutorial are completely different.

A practice quiz, and solutions, will be available shortly from MyCourses and the Exams section of the course webpage (`http://amypang.github.io/141`). If you would like to know an approximate score for your attempt on the practice quiz, bring your paper to Dr. Pang's office hours.

Justifying your answers will be important for this quiz - for example, be sure to use the limit notation in question 1, and explain the way you handle any absolute value signs that appear in question 2 (see the solutions to the practice quiz).

As always, please try to present your work coherently. The class is big, so the graders don't have a lot of time to spend on each paper. If we can't figure out what you're trying to do, we can't give you partial credit.