Homework 4

The following are due on Friday, September 28:

- Make sure you understand how to solve the problems from Quiz 2, as some variant might appear on the first exam.

§3.1 #2, 11, 29;

§3,2 #2, 5, 10.

For #5, please use the methods learned in this section and then check that this second order expansion matches with the one you would get using the 1-variable Taylor's theorem: let $z = x + y$, expand e^z, and plug $z = x + y$ back in.

§3.3 #1, 14, 19, 38.