PHY 5669 : Quantum Field Theory B, Spring 2016

February 16th, 2016
Assignment # 3
(due Tuesday March 1st, 2016)

1. Go through problem 10.2 of Peskin and Schroeder's book and make sure you have a clear picture of the one-loop renormalization of Yukawa theory. You do not need to provide all the details of the calculation, just summarize the procedure and list the results that you will need for the next problem.

2. Problem 12.1 of Peskin and Schroeder's book.