

QFT Homework 3 Due 15 Oct 2012

This homework is due in the dropbox outside 2L26 by 11:59PM on the due date. If you wish to turn it in ahead of time, you may email a PDF (prepared with LaTeX) to Dr. Frey.

Reading: Srednicki chapter 9, Supplemental: Siegel §V.C.1-4 for a more mathy version, Tong §3.4, Peskin & Schroeder §9.2, and MacKenzie (as you like) for more on path integrals

Useful Exercises To Do On Your Own (not to be marked):

1. ϕ^4 Theory *Srednicki 9.2*
Do this question first.

To Be Marked:

2. Complex Scalars *Srednicki 9.3*