

## QFT Homework 10 Due 19 Nov 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 chapters 27 & 28. Please find supplemental reading as you need it; chapter 12 of Peskin & Schroeder may be helpful.

### To Be Marked

1. **Mass and Coupling Renormalization** *Srednicki 27.1*
2. **Renormalization of  $\phi^4$**  *Srednicki 28.1*