

QFT Homework 1 Due 18 Sept 2013

This homework is due in the dropbox outside 2L26 by 11:59PM on the due date. You may instead email a PDF (prepared with LaTeX) to Dr. Frey.

This assignment will review fermions.

1. **Lorentz Transformations** *Srednicki 34.1*
2. **Stress-energy Tensor** *Srednicki 36.4*
3. **Canonical Quantization** *Srednicki 37.1*
4. **Fermion Charge** *Srednicki 39.1*
5. **Yukawa Theory Feynman Rules** *Srednicki 45.2*