

Problem set 2

Due Sep. 15, 2008

1. *Srednicki's Chs. 1 & 2:*

- Do you fully understand and agree with the arguments on pages 5–7? Particularly if you do not understand or disagree with some of his points, try to explain why.
- Check the errata for Ch. 2. Give reasons why the errata are correct or wrong.

NOT GRADED 2. Verify unproved statements in the lectures, about the Schrödinger field theory and about the Lorentz group.

Alternatively, work through at least some the problems at the end of Srednicki's Ch. 2. If you find difficulties, we can discuss them on Wednesday afternoon.