

QFT Problem Set 3 - Due March 24

You should look again at chapters 17,18,19, and read 25, 26, 28. Note also that chapter 34 contains a bit of what we did with the path integral and the quantum effective action (if you want to read more about that). As usual, *problems* are for extra credit seekers, although everyone should look at them.

1. **Book Problems** 16.1, 16.3, 17.1, 25.5, 28.4 (note m^2 can be positive or negative), *25.3*