

Physics 222. Quantum Field Theory 3. Professor Dine

Spring, 2011. Homework Set 2. Due Tues, April 26.

1. Do the exercises in the note on two-component spinors.
2. Do the exercises in the note on the Coulomb gauge.
3. Exploit transversality to work out the gauge boson propagator for a non-abelian gauge theory in Feynman gauge (much of this we did in class).
4. PS 16.2.