

Physics 221A

Quantum Field Theory

Fall 2012

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ASSIGNMENT #5

Due: Weds., Nov. 1, 5pm in graders' mailbox.

1. Srednicki 11.1. Note that in part (a), one would want to define $g = g'/2$ in order to get the symmetry factors to work in the usual way (canceling the 2 from permuting the two B 's).
2. Srednicki 11.3. A real physical process, at last (and a classic calculation).
3. Srednicki 11.4.