154 Homework 7, due 6/9/17 (under my office door)

1. Thomson 10.2 Also, read section 18.2.3 and find the value of $|q|$ for which $\alpha_S^{-1}(q^2) = 26$, the value quoted in the text at the approximate unification of the couplings. (Use $\beta = B$ as given on p. 258, with $N_c = 3$ and $N_f = 3$).

2. Thomson 10.3

3. Thomson 10.5

4. Thomson 12.1. Also, can you spot the typo?

5. Thomson 15.1.