Homework set - 1

due on Thursday, September 17, 2:15pm

1) a) Problem 1.3 from Srednicki
    b) by applying N, given in eq. (1.35), on the state given in eq. (1.33) show that N counts the total number of particles.

2) Problem 2.3 from Srednicki

3) Problem 2.4 from Srednicki

4) Problem 3.2 from Srednicki

5) Problem 3.5 from Srednicki