

Statistical Mechanics and Thermodynamics

Homework for Week 6

Due Wednesday, 18 February, 2004

Reading: K&K finish chapter 5 and read chapter 6. By now you know where to find things in Mandl and Fermi, if you wish to see other points of view.

1. K&K 5.10
2. K&K 6.1
3. K&K 6.5
4. K&K 6.10 (This concerns the ideal classical gas. Fermi §§6,14 may be helpful.)