

Lecture 35: Fermi and Bose particles

Chapter 10, Wednesday April 9th

- Fermi particles
- Temperature dependence of μ
- Bose particles
- Properties of a Fermi gas as $T \rightarrow 0$

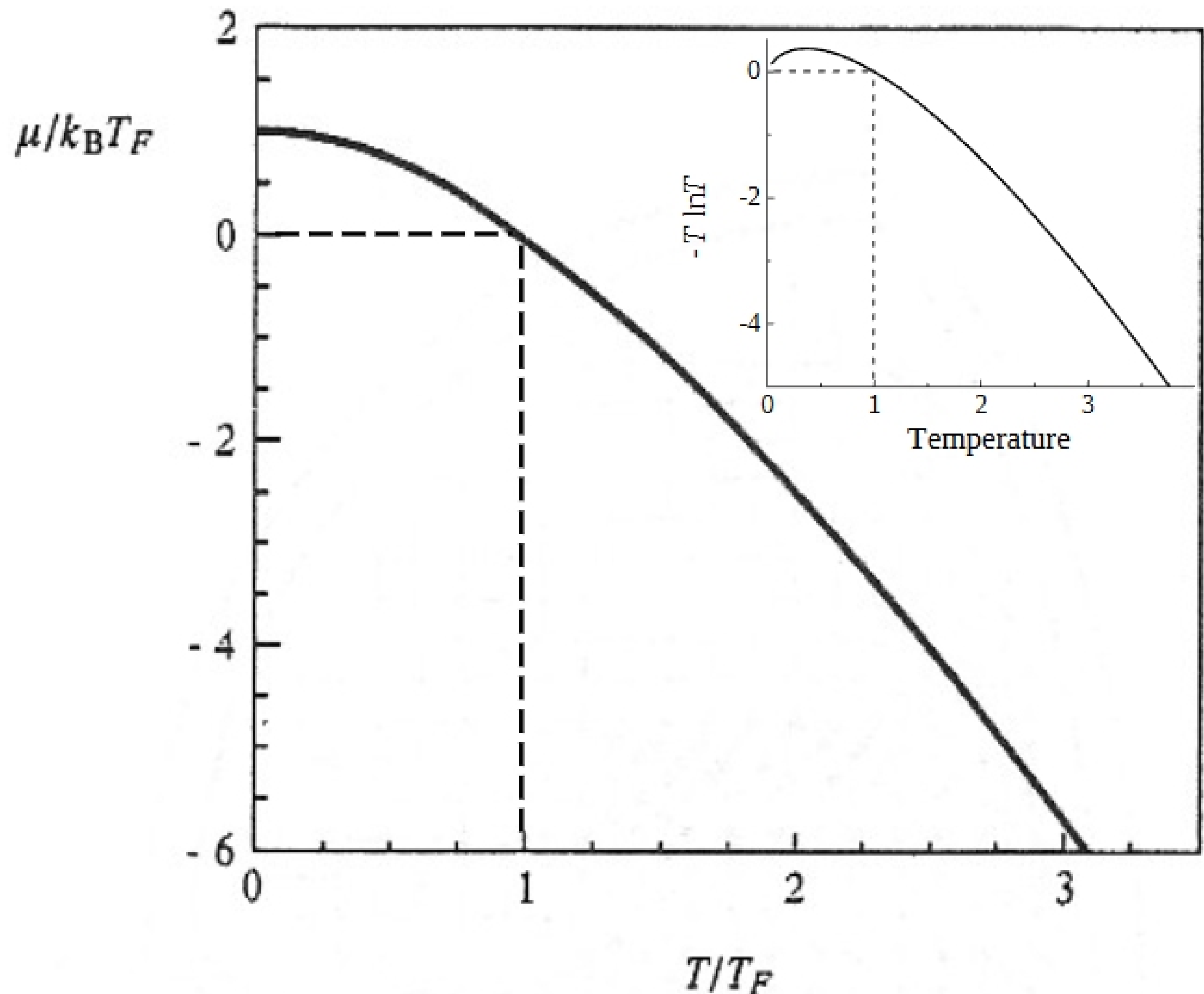
Reading: All of chapter 10 (pages 188 - 207)
Homework 10 due Wed. Apr. 16th at
5pm

Assigned problems, Ch. 10:

Exam 3 next Friday (18th), Chs 8-10

Review next week (time/place TBA)

T -dependence of chemical potential



Fermi-Dirac distribution function

