

2.57 HOMEWORK 6

Due: 2:30 pm, Wednesday
October 20, 2004

Problem 1. Read one out of the following two papers and write a one page report.

1. Lin, M.F., Shung, W.W.K., “Electronic Specific Heat of Single-Walled Carbon Nanotubes,” Physical Review B, Vol. 54, pp. 2896-2900 (1996).

2. Mizel, A; Benedict, LX; Cohen, ML; Louie, SG; et al., “Analysis of the low-temperature specific heat of multiwalled carbon nanotubes and carbon nanotube ropes,” Physical Review B, Vol. 60 pp. 3264-3270 (1996).

Problems from the course textbook : 4.6, 4.13, 4.12, 4.19