

Physics 410 - 2002

Thermal Physics

Problem Set 4

1. Chapter 3, p. 81, problem 1 (4 pt)
2. Chapter 3, p. 81, problem 2 (4 pt)
3. Chapter 3, p. 82, problem 3 (6 pt)
4. Chapter 3, p. 85, problem 9 (4 pt)
5. Chapter 3, p. 86, problem 10 (5 pt)

You need to have 20 points out of 23 (3 points are extra credit).

The problems are from Kittel & Kroemer, *Thermal Physics*, 2nd edition, (Freeman, NY 1980).