
PROBLEM SET 6

Reading: Callen Chapter 8 and 9

1. 8.2-1
2. 8.3-3
3. 9.3-1
4. 9.3-3
5. 9.3-5
6. 9.3-7

Outline the topic you want to write your term paper on. It should consist of a written version of a one hour lecture that you would deliver in a course such as Physics 116 on some aspect of thermodynamics or its applications. Possible topics include (1) any of the many advanced theoretical concepts not discussed in this course. (2) historical aspects of the development of thermodynamics, (3) any of the many applications of thermodynamics in physics, biology, chemistry and engineering. Please discuss with me your intended topic before you begin the library research required for this paper.