My observations about reading this week:

1. If you are short on time (who isn't?) I recommend closely reading **B&B Ch. 22** and then trying the homework. If I'm right, you will be able to *do almost all* of the assigned problems based on a solid understanding of that one chapter. You can then skim G&T for topics that you still need.

2. Things that G&T has which are not in B&B:
• B&B Ch. 6 ...
        The density of states for matter (a review) with photons (new material).
        Fluctuations of particle numbers in open systems
• B&B Ch. 7 ...
        The Widom insertion method to find μ in a simulation
        The Chemical demon algorithm to find μ
        Good examples of Grand canonical statistics
            Einstein solid
             Gasses at two different heights

3. What **Schroeder 7.1** can add: It is a sweet 4 pages. It has a clear discussion of Gibbs potential, and a good example about CO poisoning which might help you think about homework problem 3.