

## Chemistry 553

### Problem set 4

Due: 25 February 2011

From your text,

1. 11.4
2. 11.6
3. 11.11a
4. 11.12 Use  $\theta_R(CO) = 2.77K$
5. 11.20
6. 12.2
7. 12.3 For the oxygen reaction, derive the T dependence for  $K_\rho(T)$  and  $K_P(T)$ . Ignore the numbers.
8. 13.2
9. 13.3
10. 13.9