

Figure 3.13. The log of the partial pressures of O_2 and H_2 as a function of pH for the half reactions $\frac{1}{2} O_2 + 2H^+ + 2e^- = H_2O$ and $H^+ + e^- = \frac{1}{2} H_2(g)$, illustrating the field of pe that can be occupied by redox species in water at a given pH.

