To prepare: search the experimental literature for measured or inferred values of $T_c$, $H_{c1}(T)$, $H_{c2}(T)$, $\lambda$, $\xi_0$, and $\Delta$ for various (i) conventional superconductors, (ii) high-$T_c$ superconductors, and (iii) weird superconductors, such as UPt$_3$ and PuCoGa$_5$.

To turn in: Ashcroft and Mermin 34.1. In part (c), you may neglect the normal metal’s susceptibility.