4 Free energies

All exercises are found in *Entropy, Order Parameters, & Complexity*, which is online at https://sethna.lassp.cornell.edu/StatMech.

6.2 Two-state system
6.3. Negative temperature
6.6. Lagrange
6.13. Pollen and hard squares
6.16. Rubber band free energy
6.18. Langevin dynamics
6.24. Word frequencies: Zipf's law