PY 410 Homework Spring 2017 Due: Feb 7th

You can directly turn in Python notebooks for coding assignments

1. Please finish the Python Notebook 1. Please download it again as it has been updated since class

2. Sethna 1.3

3. Sethna 1.6

4. Sethna 2.2

5. Sethna 2.3

Hint for 2.3: For a two state system, the ratio of forward (k_+) and backward rate (k_-) in equilibrium is related to the energy difference

$$\frac{k_+}{k_-} = e^{-\frac{\Delta E}{k_B T}} \tag{1}$$