

# PY 542: Non-Equilibrium Statistical Physics      Problem Set 4

**Reading:** This week, we will discuss some basic aspects of first-passage phenomena. Please read sections 2.9 and then 2.5–7 of the text.

**Problems:** Due Monday, October 3 by 5:00pm

1. Text 2.17.
2. Text 2.20.
3. Text 2.21.
4. Text 2.23.