

MATH 445, HOMEWORK 3

1. Use the letter frequency handout to confirm the value that was given in class for the entropy of a randomly-chosen English letter.
2. MacKay, Exercise 2.21 (page 37).
3. MacKay, Exercise 2.28 (page 38). Reading MacKay Section 2.5 (p.33-34) will be helpful.
4. MacKay, Exercise 4.11 (page 84).
5. MacKay, Exercise 4.14 (page 84).