

Problem Set 3

*Lecturer: Prof. Peter Chin**Due: March 27, 2017*

- ◇ Please email your written problems (must be typed), code and report to gavinrbrown1@gmail.com by 23:59PM on the due date.
- ◇ Late policy: there will be a penalty of 10% per day, up to three days late. After that no credit will be given.

1. (60 points) Written Problems

- (a) (20 points) Bishop 5.3
- (b) (20 points) Bishop 5.4
- (c) (20 points) Bishop 5.26

2. (120 points) Programming

DO the exercise found http://ufldl.stanford.edu/wiki/index.php/Exercise:Sparse_Autoencoder

Turn in all the .m files and the final "weights.jpg" file.