Problem Set 3

⋄ Please email your written problems (must be typed), code and report to `kenzhou@bu.edu` by 4:59PM 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 Sparse Auto Encoder

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