James Chhun

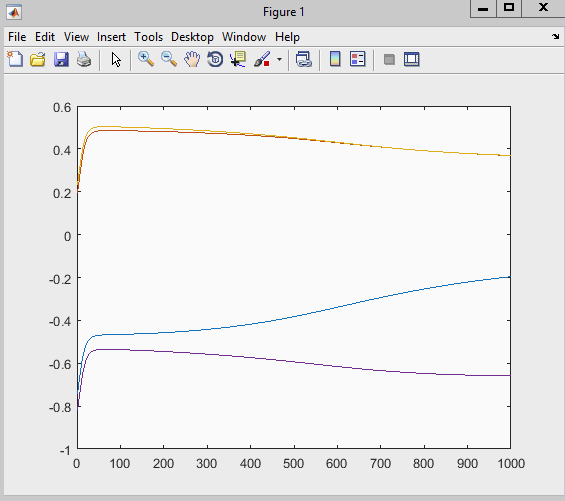
T/TH -- 530 - 645pm

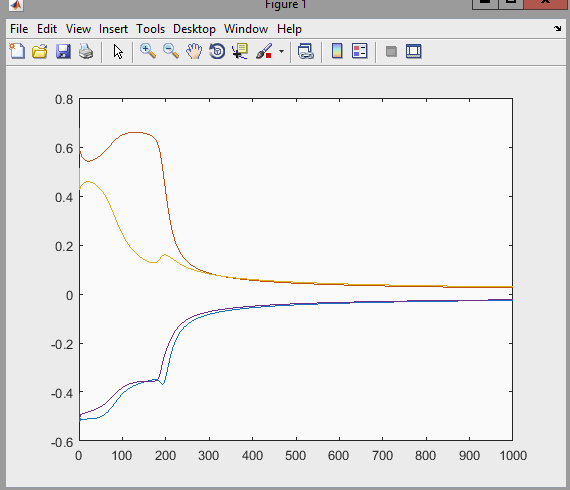
Homework 4

**Chapter 10 - # 2 and #3**

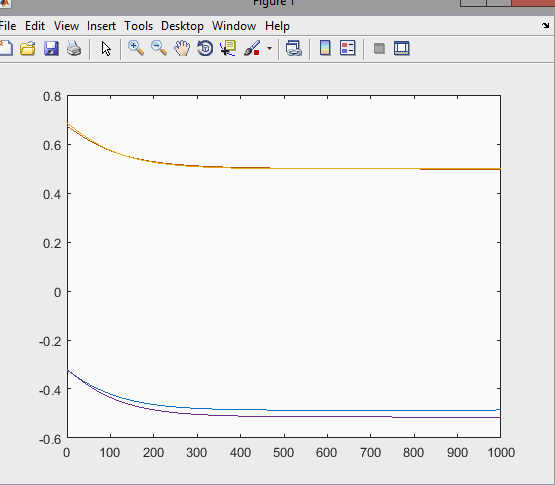
**Problem 4**

Starter graph

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****

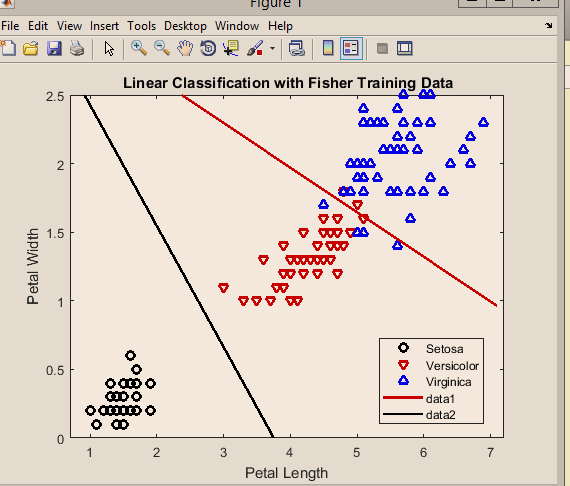
After increasing step size to 10.1

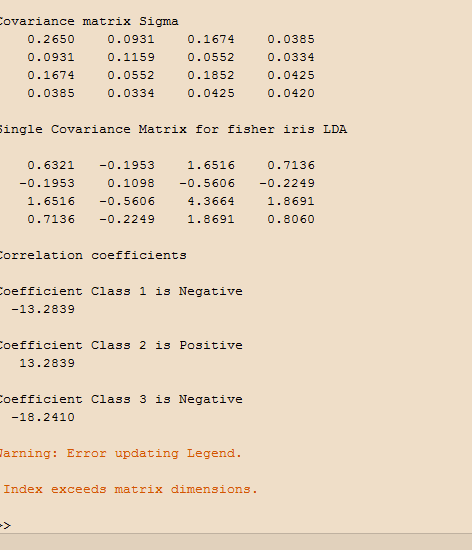
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After decreasing step size to 0.1

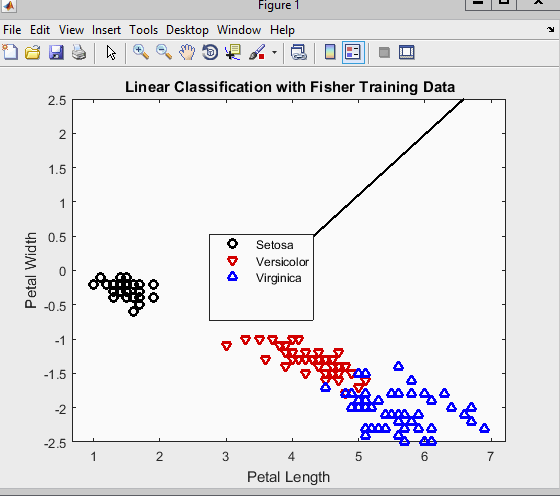
**Problem 5**

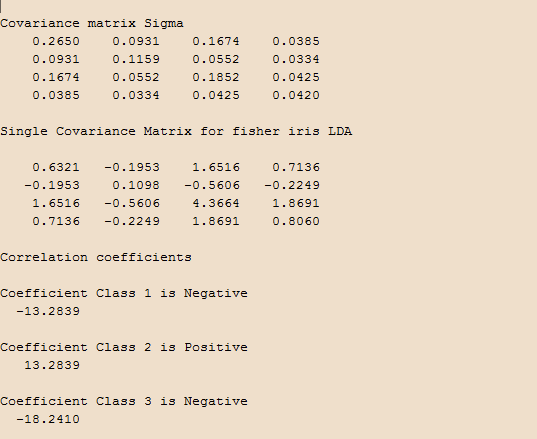
5\_1\_LDA



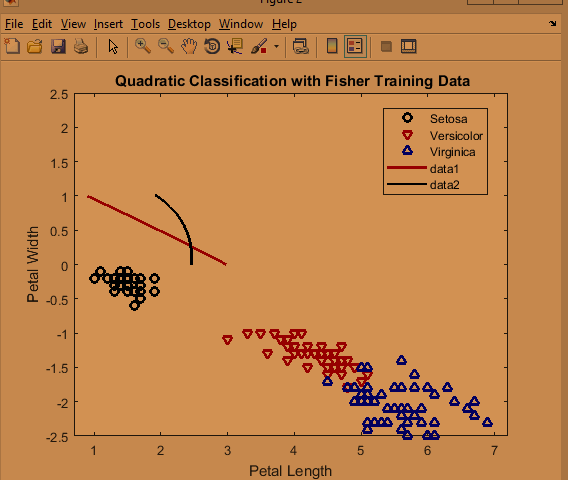
Initial LDA plot with fisher iris data.

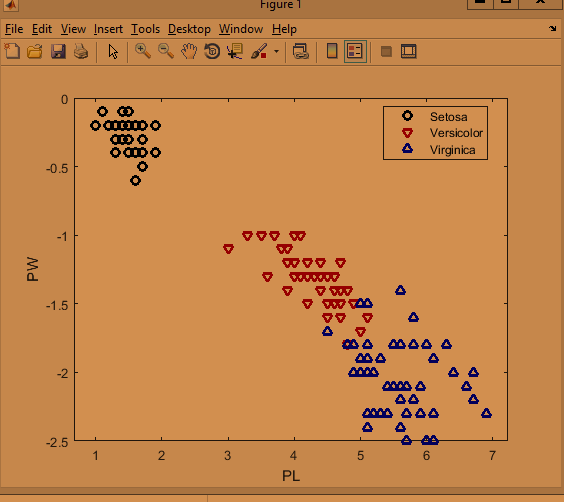
Covariance matrices after change and correlation coefficient.

5\_2 LDA\_2

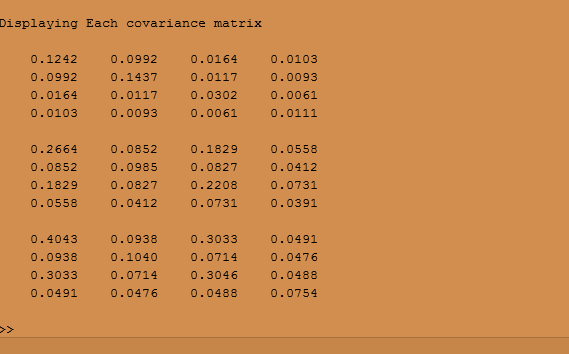
Initial LDA plot with fisher iris data.

Covariance matrices after change.

5\_3 - QDA



Initial QDA Plots.



Covariance Matrices for QDA