## Monday 6 October - Class Session 12

## Homework:
Read  Budny:  Sec 4.13, 4.14
Programming Assignment 5: Due Wednesday 8 October  (Counts as 2 assignments)

## Class Activities:

1. Determine a linear fit and the assoicated total error, maximum error, and location of the maximum error for the following data set:

```
    X              Y
  -1.2          0.0
  -0.5          3.1
   2.5          9.1
   6.3         25.1
   7.2         24.9
   8.9         29.4
  11.6         39.7
```

Hint: although you could use your program that you are developing for programming assignment 5, it may be easier to use the MATLAB command window directly.


**Group assignment:**
**Turn in your answers on a single piece of paper.**