MAT-12C 2D Plots 1 HW

MATLAB 5th Edition: Chapter 5, Problems 18, 28, and 31

Do this assignment in one Script File. The first seven lines should

```
clc
clear
format compact
format short g %gives best default representation
disp ('First Name, Last Name')
disp ('ENG1181, Seat #')
disp ('Array Creation HW')
```

Then for each problem: disp ('Problem #')

**Special Instructions:**
Before each new graph, include the command
```matlab
figure(n)
```
where n starts with 1 and continues to the number of graphs. That way each graph will be in its own figure window.

Each plot must have the following:
- A. Title
- B. X,Y labels with units
- C. Legend

Remember that the plot is intended for a B/W printer (i.e. change line styles).

Use “Copy Figure” from each of the figure windows and paste each into MS Word. Resize so that you can fit two figures on a page. Add lines for your name and to identify each problem number.

Submit printouts of both the Script File and the Command Window