Submission guidelines:

Your PSETS are to be submitted **online** through the MIT Stellar system by the deadlines stipulated on the schedule.

For PSET reporting we will use the new MATLAB functionality called live scripts (.mlx files). Details on how to use this functionality will be discussed on recitation and office hours.

Your submissions must consist of a single ZIP file (named *yourKerberosID.zip*, e.g. *dzysman.zip*) containing the following:

- A **single** .mlx live script containing the answers to all questions **in order**. Your report is to include MATLAB plots and figures (see below for guidelines), mathematical equations (see guidelines below) as well as a narrative indicating what was done to obtain the results. The text should include answers to the questions and sufficient information to demonstrate comprehension of the assignment, but can otherwise be brief.
- Your .mlx file exported as a PDF document
- All additional MATLAB functions or scripts (.m files) you write for a given problem set.

Plots and figures guidelines:

1. Data must be plotted on relevant scales that illustrate the trends or data aspects you want to showcase/emphasize.
2. Plots should have legends, axes labels (with units when appropriate), titles and/or figure captions. Check that all text is readable on a bare eye. Pay attention to axes tick labels.
3. Use color, line and points markers to put in evidence different time series and or data categories/groups. Make sure that points markers have a reasonable size to make the points distinguishable from one another.
4. To customize MATLAB plot visualizations, this blog post[1] gives a succinct and effective introduction. There is also more modern MATLAB notation to access graphic handles[2].

Mathematical Equations guidelines:

For problems involving equations, the easiest is to type them using the equation editor within the MATLAB live editor. If you are uncomfortable doing so you can hand-write something and scan it (using a scanner, strongly suggested).

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1 http://blogs.mathworks.com/loren/2007/12/11/making-pretty-graphs/

2 https://www.mathworks.com/help/releases/R2016b/matlab/graphics_transition/graphics-handles-are-now-objects-not-doubles.html

If you instead take pictures with your cell phone, ensure that they are crisp, clear and easy to read when you paste them to the document.

Check the example problem set submission for example of acceptable and unacceptable image quality for scanned equations.

Guidelines for writing code:

Your code should be **well organized**; therefore, it should be well commented and documented to understand the scope of the code and the strategy used to address the problem. Also, it must be **human readable**. This is, the code must follow a logical sequence of steps and more important variable names should be chosen to reflect parameters and aspects of the problem that are easily identifiable.