EE360D Computer Assignment HW Guidelines

Homework guidelines

* Computer Assignments are due the day (and time) that has been set by the instructor

* Online submissions must be in .pdf form

* Physical submissions should be single sided. This makes it easy to scan.

* Turn in your homework with a large title that contains your class, computer assignment number, and your name. This makes it so that when homework needs to be annotated or delivered, that it is easy to find out who's homework it is.

* The homework problem number/statement/question should be placed before the solution

* Your MATLAB code should be visible (no hidden edits). Theoretically if the homework were to be copy/pasted into a new file, then your code should generate what you have submitted in your PDF. Make sure to use "clear variables" to remove outside variables that will not be found in your HW.

* Your MATLAB code should have comments detailing what attempt you have made to obtain the solution.

* MATLAB figures/results should always follow, and be integrated with a problem's solution. Therefore, you should be creating clear sections (%% and **make sure to include a space between the double percent and your section title**) in order to keep your questions integrated your solutions.

• An Example of good section organization

MATLAB Example:		Published Results:	
1	%% Master Title	Montor Title	
2	%% Section Title 1	Master Title	
3	% Section Description 1		
4		Table of Contents	
5	% Comment a	Section Title 1	
6		Section Title 2 1	
7	%% Section Title 2		
8	% Section Description 2	Section Title 1	
9	8	Section Description 1	
10	% Newline for Section Description 2	% Comment a	
11		Section Title 2	
12	두 응 {	Section The 2	
13	Comment b	Section Description 2	
14	Comment c	Newline for Section Description 2	
15	_ °;}	8{	
16		Comment b Comment c	
17	%%Comment d	8}	
18		%%Comment d	
		Published with MATLAB® R2019a	

• Organized Computer Assignments = Happy Grader

* MATLAB figures should *never* be tacked on to the end of a homework set (you will lose points!)

* When possible, use the subplot() function to minimize paper usage.

* Your figures should always contain titles/labels/details on them so it's easy to identify what's being shown. It is encouraged that you should also contain (when possible) the problem/equation in your titles to make it easier to see what your figure represents.

* Always (and read this again) suppress your code with semi-colons unless when necessary. Having unsuppressed code results in unwanted (and difficult to read) values that will get tacked onto a solution. This also results in a huge waste of paper.

* For physical submissions, staple your homework together in the top left corner (only). If a staple won't make it through your thick assignment, then you need to redo the assignment and make things clearer and simpler (and thus use fewer sheets of paper). Again, only one side should be used.

* Do not use one whole sheet of paper, a cover sheet, for your name and the homework number. These can be included on the top of the page containing the table of contents.

* The table of contents should be clear to read and should be helpful for finding your individual solutions.

EE360 - Computer Assignment I by David S.

table of Contente

Exercise 1: Gerating Signals Ex 1a: The Unit Impulse Sequence Ex 1b: The Unit Step Sequence Ex 1c: r[n] = n Ex 1c: x[n] Ex 1c: y[n] Ex 1c: y[n] Exercise 2: Appending signals and Extraction Ex 2a: Append Ex 2b: Extract Example 3: Operations	Header including name and homework number at the top of the page.	
Ex 3a; $c(n) = u(-n)$ Ex 3b; $d(n) = x(n) + y(n)$ Ex 3c; $c(n) = x(n) + y(n)$ Ex 3c; $c(n) = x(n) + y(n)$ Ex 3d; $f(n) = 2x(n) + dclta(n)$ Ex 3c; $g(n) = 2r(n) + u(-n)$ Ex 3f; $h(n) = z(-n) + u(n)$ Exercise 4: Generating longer signals Ex 4a; dclta[n] Ex 4b; unit[n]		10 11 12 13 14 14
Ex 4c: $x[n] = (5/6)$. 'n Ex 4d: $y[n] = (-5/6)$. 'n Ex 4c: $z[n] = cos(pi.*n/5)$ Ex 4: $z[n] = cos(pi.*n/5)$ Ex 4g: $q[n] = n$ Exercise 5: Operations Ex 5a: $c[n] = z[n] - f[n]$ Ex 5b: $d[n] = x[2n]$ (DONT GRADE) Ex 5c: $c[n] = u[n-5]$ Ex 5d: $g[n] = u[n-6]$ Ex 5c: $z[n] = x[-2n + 1]$ (DONT GRADE) Ex 5f: $j[n] = q[n]u[n] - q[n]u[-n]$	Clear table contents th shows exer sections, subsections page numbe	of at cises, ; and
Exercise 6: Real and imaginary values.		28 29

Exercise 1: Gerating Signals

Generate the following signals for $-5 \geq n \geq 5$, by typing an explicit list of elements

close all % Close figures

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