

**EE432 Fall 08 Homework Problem Set 5 (PS05) Due: Mon, 9/22/08**

1. Generate 1000 samples of uniformly distributed values between -3 and 7. Show the code you used to do this. Use your *stats* function and record the following:

	<b>Expected value</b>	<b>Actual value</b>
<b>Minimum</b>	N/A	
<b>Maximum</b>	N/A	
<b>Mean</b>		
<b>Standard Deviation</b>		

2. Etter/Ives notes/text, problem 2-6. Note: the find command can be useful in determining values that lie outside a certain range of values.
3. If  $x = [2 \ -3 \ -4 \ 0 \ 17 \ 2]$ , compute  $r_{xx}(m)$  by hand. Be sure to show your work. What is the average power of this signal?