

***Mini-Project #1: Multipath Fading***

Assigned on Friday, September 15, 2017

Due on Friday, September 22, 2017, by 12:30 pm via Canvas submission

*Late mini-projects will not be accepted.*

**Reading:** McClellan, Schafer and Yoder, *Signal Processing First*, 2003, Chapter 2.

Companion Web site with demos and other supplemental information: <http://dspfirst.gatech.edu/>

E-mail address for Ms. Anyesha Ghosh and location of her office hours are available at

<https://cluster34-files.instructure.com/courses/1017~1202937/files/1017~42941474/course%20files/signals/homework/homework1.pdf>

Office hours for Ms. Ghosh and Prof. Evans follow, as well as Prof. Evans' coffee hours on Friday. Please note that Prof. Evans has shifted his Tuesday office hours to Wednesday.

<i>Time Slot</i>	<i>Monday</i>	<i>Tuesday</i>	<i>Wednesday</i>	<i>Thursday</i>	<i>Friday</i>
9:00 am			Ghosh		
9:30 am			Ghosh		
10:00 am			Ghosh		
10:30 am					
11:00 am		Ghosh		Ghosh	
11:30 am		Ghosh		Ghosh	
12:00 pm		Ghosh		Ghosh	Evans (EER cafe)
12:30 pm		Evans (EER 1.516)		Evans (EER 1.516)	Evans (EER cafe)
1:00 pm		Evans (EER 1.516)	Evans (EER 6.882)	Evans (EER 1.516)	Evans (EER cafe)
1:30 pm		Evans (EER 1.516)	Evans (EER 6.882)	Evans (EER 1.516)	Evans (EER cafe)
2:00 pm			Evans (EER 6.882)	Evans (EER 6.882)	
2:30 pm				Evans (EER 6.882)	
3:00 pm				Evans (EER 6.882)	

Assignment is “Section 6 Lab Exercise: Multipath Fading” from the Web site for the *Signal Processing First* book: <http://dspfirst.gatech.edu/chapters/DSP1st2eLabs/MultipathLab.pdf> .

You may work individually or with one partner. If you work with a partner, then submit one mini-project report per team of two people. Be sure that the mini-project report represents the independent work of the author(s) on the report.