ELEG 305 SIGNALS AND SYSTEMS
SPRING 2019

- **All Homeworks and Homework Quizzes are worth 25 points.**
- **Homeworks and Solutions from Spring 2018 have been posted on Canvas.**

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HOMEWORK #8

- *Do not hand in*
- *There will be a Quiz, in Lecture on Tuesday May 7, on a variation of one of the following problems. Solutions will be posted to all of the problems before the Quiz.*
- *Conceptual and Math Review Problems are extra credit here (10 total points) and will not be asked on the Quiz. Please hand them in on Tuesday May 7 in Lecture.*

Read Chapter 10 in Oppenheim, Willsky, and Nawab (**O&W**)

O&W: #9.5, #9.6, #9.21 (a,b,c,i), #9.22 (a,c,d,e), #9.26, #9.28, #9.31, #9.44 (a,b)

Conceptual: Describe, in words not equations, the possible reactions that a second-order system might have to an impulse input.

Math Review: O&W Problem #10.1 (c,d)

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EXAM # 3 Thursday May 9
- Closed everything: no calculators, cellphones, laptops, …
- Chapters 5, 7, and 9
- A formula sheet will be provided with trigonometric identities, and the defining equations and properties for Discrete-Time Fourier Transforms and Laplace Transforms
- Review on Monday May 6

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FINAL EXAM Thursday May 23 1:00-3:00 (Chapters 1, 2, 4, 5, 7, 9, 10)
- Closed everything: no calculators, cellphones, laptops, …
- Review on Monday May 20