ECE 222 Signals & Systems I

eece.pdx.edu/~ece2xx/ECE222

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ABET Course Outcomes

- Ability to determine whether a system has basic properties
- Familiarity with Laplace transform and its importance
- Ability to apply the Laplace transform to perform circuit analysis
- Ability to use Bode plots to characterize linear time-invariant systems
- Ability to design and characterize frequency-selective filters
- Ability to use two-port networks for circuit analysis

Teaching Assistant

- Renbo Chen
- Office Hours: M 5:00-6:00 (FAB 87-02), T 5:30-6:30, F 3:00-4:00
- Review Sessions: T 4:30-5:30, F 2:00-3:00
- Email: renbo@cecs.pdx.edu
- Locations of other review sessions & office hours to be announced
- Check syllabus online for location

Lecture Overview

Last Time

- Finish fundamentals of signals
- Even and odd symmetry
- Real, imaginary, and complex exponentials
- Basis functions

This Time

- Begin fundamentals of systems
- System properties