ECE 223 Signals & Systems II

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Teaching Assistant
• TA introduction
• TA office hours
  – Tuesdays: 9-10 am
  – Thursdays: 2-4 pm
  – FAB 100
• TA recitation section
  – Fridays 11-12
  – Location: to be announced

Miscellaneous
• Homework 1 solutions coming . . . sorry for the delay
• Homework 2 posted today
• Exam 1
  – Next Wednesday, April 19
  – Possibly up through the DTFT (everything we cover Monday)
  – See the draft of exam topics posted on the course web site
  – One single-sided sheet of notes
  – Must be turned in with the exam
  – 100 minutes

Lecture Overview

Last Time
• Finish discrete-time Fourier series
• Begin continuous-time Fourier series
  – The role of orthogonality
  – CT periodic signals as sums of harmonic complex sinusoids

This Time
• Continue (finish) CT Fourier series
  – Convergence
  – Alternative forms
  – Signal examples
  – Application example