

6.003: Signals and Systems

Fourier Transform

April 6, 2010

Mid-term Examination #2

Tomorrow, April 7, 7:30-9:30pm, 34-101.

No recitations tomorrow.

Coverage: Lectures 1–15
 Recitations 1–15
 Homeworks 1–8

Homework 8 will not be collected or graded. Solutions are posted.

Closed book: 2 pages of notes ($8\frac{1}{2} \times 11$ inches; front and back).

Designed as 1-hour exam; two hours to complete.

Last Week: Fourier Series

Representing periodic signals as sums of **sinusoids**.

→ new representations for systems as **filters**.

This week: generalize for aperiodic signals.