

# 6.003: Signals and Systems

## Fourier Series

*April 1, 2010*

## Mid-term Examination #2

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

No recitations on the day of the exam.

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

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

Review sessions during open office hours.

Conflict? Contact [freeman@mit.edu](mailto:freeman@mit.edu) before Friday, April 2, 5pm.

# Last Time: Describing Signals by Frequency Content

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Harmonic content is natural way to describe some kinds of signals.

Ex: musical instruments (<http://theremin.music.uiowa.edu/MIS>)

