6.003: Signal Processing

Wrap Up
- 6.003 Retrospective
- What Comes After 6.003?
- Tell Us How To Improve 6.003

Final Exam: Friday, May 13, 1:30-4:30pm at the Johnson Track

Covers entire semester with emphasis on final third
Closed book except for three pages of notes (six sides total)
No electronic devices (no headphones, cellphones, calculators, ...)

6.003: Signal Processing – Content Retrospective

Our approach is the same as that in many technical disciplines.
- model some aspect of the world,
- analyze the model, and
- interpret results to gain a new or better understanding.

We tried to include examples of all three of these steps:
- develop math/computation skills to analyze signal processing problems
- recognize real-world applications and apply skills to solve them

What Might Come Next?
- 6.3100 (6.302) Dynamic System Modeling and Control Design (White)
- 6.3010 (6.011) Signals, Systems, and Inference (Verghese)
- 6.2370 (6.161) Modern Optics Project Laboratory (Warde)
- 6.3020 (6.187) Fundamentals of Music Processing (Egozy)
- 6.7411 (6.450) Principles of Digital Communication (Meadard)
  NEW Computational Imaging: Physics and Algorithms (Elese Barthastro, Rajeev Ram, Sixian You)
- 6.7000 (6.341) Discrete-time Signal Processing (Oppenheim)
- 6.7010 (6.344) Digital Image Processing (Lim)
- 6.8371 (6.815) Digital and Computational Photography (Durand)
- 6.8301 (6.819) Advances in Computer Vision (W. Freeman)
- 6.8810 (6.556) Data Acquisition/Image Reconstruction in MRI (Adelstein)
- 6.8801 (6.026) Biomedical Signal and Image Processing (Greenberg)
- 6.6300 (6.630) Electromagnetics (Hu)
- 6.5931 (6.812) Hardware Architecture for Deep Learning (Sze)
- 18.103 Fourier Analysis
- 18.104 Seminar in Analysis (CI-M)
- 18.085 Computational Science and Engineering I

Please Tell Us How To Improve 6.003
We want to present course material in a way that encourages a deep technical understanding while also being fun and engaging.

We need your help and your feedback in order to make that happen.

Please use the next 15 minutes to fill out the Registrar’s Subject Evaluation and the 6.003 End-of-Semester Survey.
- Fill out the MIT Subject Evaluation: http://registrar.mit.edu/subjectevaluation
- Provide specific feedback on 6.003: go to “Survey” tab on 6.003 website under week 14

After you have finished, we will have an open discussion.

Thank You!
Both sections of today’s recitation will be in 24-115.