6.006 Introduction to Algorithms
Spring 2008

Lecture 25: Beyond 6.006: Follow-on Classes, Geometric Folding Algorithms

Algorithms Classes at MIT: (post 6.006)

1. 6.046: Intermediate Algorithms (more advanced algorithms & analysis, less coding)

2. 6.047: Computational Biology (genomes, phylogeny, etc.)

3. 6.854: Advanced Algorithms (intense survey of whole field)

4. 6.850: Geometric Computing (working with points, lines, polygons, meshes, . . .)

5. 6.851: Advanced Data Structures (sublogarithmic performance)

6. 6.852: Distributed Algorithms (reaching consensus in a network with faults)

7. 6.855: Network Optimization (optimization in graph: beyond shortest paths)

8. 6.856: Randomized Algorithms (how randomness makes algorithms simpler & faster)

9. 6.857: Network and Computer Security (cryptography)

10. 6.885: Geometric and Folding Algorithms * TODAY

Other Theory Classes:

- 6.045: Automata, Computability, & Complexity

- 6.840: Theory of Computing

- 6.841: Advanced Complexity Theory

- 6.842: Randomness & Computation