LEC #	LECTURE NOTES
1	Overview, Interval Scheduling (PDF)
2	Divide & Conquer: Convex Hull, Median Finding (PDF)
3	Divide & Conquer: FFT (PDF)
4	Divide & Conquer: Van Emde Boas Trees (PDF)
5	Amortization: Amortized Analysis (PDF)
6	Randomization: Matrix Multiply, Quicksort (PDF)
7	Randomization: Skip Lists (PDF)
8	Randomization: Universal & Perfect Hashing (PDF)
9	Augmentation: Range Trees (PDF)
10	Dynamic Programming: Advanced DP (PDF)
11	Dynamic Programming: All-pairs Shortest Paths (PDF)
12	Greedy Algorithms: Minimum Spanning Tree (PDF)
13	Incremental Improvement: Max Flow, Min Cut (PDF)
14	Incremental Improvement: Matching (PDF) Baseball Elimination Notes (PDF)
15	Linear Programming: LP, Reductions, Simplex (PDF)
16	Complexity: P, NP, NP-completeness, Reductions (PDF)
17	Complexity: Approximation Algorithms (PDF)
18	Complexity: Fixed-parameter Algorithms (PDF)
19	Synchronous Distributed Algorithms: Symmetry-breaking. Shortest-paths Spanning Trees (PDF)
20	Asynchronous Distributed Algorithms: Shortest-paths Spanning Trees (PDF)
21	Cryptography: Hash Functions (PDF)
22	Cryptography: Encryption (PDF)
23	Cache-oblivious Algorithms: Medians & Matrices (PDF)
24	Cache-oblivious Algorithms: Searching & Sorting (PDF)