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Course Description . This course is intended to cover the topics needed for the departmental comprehensive exam in Algorithms, which also includes elements of the theory of computation.The goal of the course, in addition to covering the topics listed below, is to improve your algorithmic problem solving skills.

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J. Kleinberg, Y. Rabani, E. Tardos. Fairness in routing and load balancing. Proc. 40th IEEE Symposium on Foundations of Computer Science, 1999. Comparative Genomics and Evolutionary Models. L. Meyerguz, J. Kleinberg, R. Elber. The network of sequence flow between protein structures. Proceedings of the National Academy of Sciences 10.1073, 27 ...

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