Institut for Matematik og Datalogi
Syddansk Universitet

April 9, 2003
JFB

On-Line Algorithms – F03 – Note 9

Lecture, March 28

We finished chapter 8 and began on chapter 9, covering up through the algorithm definition in section 9.2.

Lecture, April 11

We will finish through section 9.4 of chapter 9 and skip the remainder of the chapter. We will begin on chapter 10.

Lecture, April 25

We will continue on chapter 10.

Problems for Wednesday, April 23

1. Do Exercise 9.1.
2. Explain the results in chapter in 9 with respect to the paging problem: the traversal algorithm, the lower bound, and the work function algorithm.
3. What is the complexity of the dynamic programming procedure used for computing the cost of an optimal offline algorithm for the k-server problem when the request sequence is of length n. For the special case of a uniform metric space a faster algorithm exists. What is its complexity?

Robinson: Det uendelige opgør

Matalogifest lørdag den 3. maj 2003 kl. 17.00

Pris 100 kr. med spisning

Sidste tilmelding mandag den 28. april 2003