Exam curriculum for Advanced database technology, spring 2006

The course book

  - Note that examples are not curriculum, meaning that the exam will not require knowledge of any particular example. (On the other hand it may be useful to read some of the examples to help you understand the text.)

Papers and other materials

All material, except [CLRS01], is available at http://www.itu.dk/people/pagh/ADBT06/. From outside ITU you can find the papers at http://www.itu.dk/people/pagh/ADBT06/Intranet/ (password protected with the login and password supplied to course participants by e-mail).


- [Arge01] = Lars Arge. External memory data structures. Section 1, 2.1 (persistent B-trees), 3-4 (static versions only), 4.1, 9.

- [AGMS99] = N Alon, P Gibbons, Y Matias, M Szegedy. Tracking join and self-join sizes in limited storage. PODS ’99. Section 1, 2, 4, 5, except proofs.


• [Sanders03] = Peter Sanders. Memory Hierarchies - Models and Lower bounds. Section 1.3-1.5.


• Slides from the lectures.
  Available at http://www.itu.dk/people/pagh/ADBT06/.