Exam syllabus for Database Tuning, spring 2009

The course books

- RG section 9, 10, 11, 13, 14, 15, 16.7, 17, 20, 25, 28
- SB section 1, 2.2, 2.3, 3 (except 3.4, 3.10), 4, 6.6

Papers and other materials

All material is available at http://www.itu.dk/people/pagh/DBT09/. From outside ITU you can find the papers at http://www.itu.dk/people/pagh/DBT09/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).
- [JensenPagh08] Morten Skaarup Jensen and Rasmus Pagh. Optimality in External Memory Hashing. Section 1, 2.0, 2.1.
- [Sanders03] = Peter Sanders. Memory Hierarchies - Models and Lower bounds. Section 1.3-1.5.
- [Pagh03] = Rasmus Pagh. Basic External Memory Data Structures. Section 2.3.0, 2.3.1, 2.3.2, 2.4.1-2.4.3.
- [WOS04] = Kesheng Wu, Ekow Otoo, and Arie Shoshani. On the Performance of Bitmap Indices for High Cardinality Attributes. Section 1, 2.
- Slides from the lectures. Available at http://www.itu.dk/people/pagh/DBT09/.
- All material related to the project.