

Literature for Introduction to Algorithms and Data Structures

IADS

Fall 2005

In the following we list the literature which is part of the examination in the course *Introduction to algorithms and data structures* for the fall semester 2005. At the exam all written aids are allowed, including the following.

Chapters in the main course book by Cormen, Leiserson, Rivest, and Stein, *Introduction to Algorithms, Second Edition*. Chapter X.0 means the part of Chapter X before X.1.

- Chapter 1
- Chapter 2.0-2.3
- Chapter 3
- Chapter 4.0-4.3
- Pages 123-126
- Chapter 6
- Chapter 7.0-7.3
- Chapter 8.0-8.4
- Pages 197-199
- Chapter 10.0-10.2, 10.4
- Chapter 11.0-11.3 (excluding proofs)

- Chapter 12.0-12.3
- Pages 321-322
- Chapter 15.0-15.3
- Chapter 17.0-17.2
- Chapter 21.0-21.3
- Pages 525-526
- Chapter 22.0-22.4
- Chapter 23.0-23.2 (excluding Prim's algorithm)
- Chapter 24.0-24.3

Other sources

- Arne Andersson. Stefan Nilsson. Implementing radixsort. Journal of Experimental Algorithmics (JEA). Volume 3, 1998. Article No. 7 Year of Publication: 1998 ISSN:1084-6654. (Not section 3)
- M. Weiss. Data Structure & Problem Solving Using Java. Addison-Wesley 1998. Pages 173-189 and pages 508-516.
- Pagh and Rodler. Cuckoo Hashing. Pages 1-5 (not section 2.1).