

Performance & Test

Curriculum for Spring 2007 Exam

Chapters in the textbook by Robert Sedgewick *Algorithms in Java*, 3rd Edition. Chapter X.0 means the part of Chapter X, before X.1.

- RS 1.0–1.1
- RS 3.0–3.2, pp. 69–90
- RS 2.0–2.4, 2.6–2.7
- RS 6.1 pp. 265–270, 6.3–6.4, 6.6, 6.10
- RS 7.1–7.4
- RS 8.1, 8.3, 8.6
- RS 10.0–10.3, 10.6
- RS 12.6–12.9, Program 12.18 p. 543, pp. 548–549, Program 12.22 p. 551
- RS 13.0, 13.3, 13.6
- RS 14.1–14.2, 14.5
- RS 17.0, 17.2 (until Program 17.3 on p. 20), 17.3–17.4
- RS 18.0–18.3, 18.5, 18.7
- RS 21.0–21.1 until p. 288 inclusive (without path relaxation), 21.2

Chapters in the textbook by John D. McGregor and David A. Sykes. *A Practical Guide to Testing Object-Oriented Software*. 1st Edition. Addison Wesley Professional 2001.

- MS Chapter 1–2
- MS Chapter 3 excluding pages 74–77.
- MS Chapter 4–6

Other material

- Pagh. *Cuckoo Hashing for Undergraduates*
- Pagh. Rodler. *Cuckoo Hashing* (pages 1–5).
- A* description in S. Russel. P. Norvig. *Artificial Intelligence. A Modern Approach*. Second edition. Prentice-Hall 2003. p. 94–101
- Peter Sestoft, “Systematic Software Test”, 1998.
- The PowerPoint slides for the test lectures 1-4 available from the course web-page.

- All exercises solved during lectures and tutorials.

At the exam all written and printed aids are allowed, including the literature listed above. Electronic calculators and computers are not needed and not allowed during the exam.

All exam questions will be formulated in English, and you are encouraged to reply in English as this helps to keep your statements consistent with all our terminology.