

On exam

Format & basic info

- Written exam
- 28 July 2015 from 12:00–14:00
 - Times are sharp!
- Lecture hall 001, building E1 3

What you can and cannot bring

- You can (must) bring
 - writing equipments & student ID
 - one (1) A4-sized “cheat sheet” paper
- You cannot bring (use)
 - electronic devices (incl. phones and pocket calculators and electric pencil sharpeners)
 - any other notes than the cheat sheet (incl. lecture slides, assignments, etc.)

Cheat sheet

- **Must contain your name!**
- A4-sized paper, text can be on both sides
- Any content is OK (as long as its legal)
 - Use your discretion what you think is important or consider hard
- Can be made with computer or be hand-written (or with typewriter)

What is covered in the exam?

- All lectures between 21 April to 21 July
 - Lecture on 21 July is a wrap-up, no new contents
- All pen-and-paper and first two programming assignments
- The chapters of books and articles cited in the lecture slides

What kind of questions are there in the exam?

- Simple mathematical proofs
 - Similar to those in homework assignments
- Developing variations of presented algorithms
 - “Explain how would you compute ABC decomposition with the following constraints”
- Short texts or longer essays comparing different decomposition methods and/or explaining their use cases and interpretations
 - “What are the main differences between ABC and XYZ?” “Given this-and-that kind of data, how would you interpret its ABC decomposition?”
- Short questions about features and properties of decompositions and methods
 - “Explain briefly the main idea behind algorithms computing ABC.” “True or false: computing the optimal XYZ decomposition (w.r.t. the Frobenius norm) is NP-hard.”

Exam checking day

- 31 July from 12:15 to 14:00
 - room to be announced
 - your only chance