

# Algorithms

TIN093/DIT093

Period 1 – 2023

Birgit Grohe

# Course Organisation

- Lectures:
  - Mondays and Wednesdays 10-12
- Exercise sessions
  - Wednesdays 13-15 (2 sessions) and 15-17 (1 session)
- Weekly assignments: deadlines Sunday nights
- Consultation hours: Thursday and Friday afternoon (time and room TBA in the homepage)

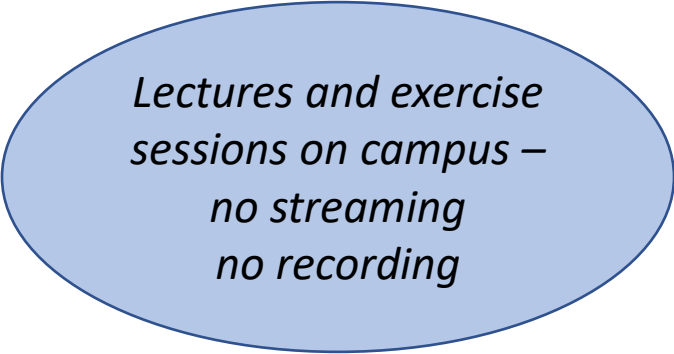
First week:  
only Wed

Start week 2

Start week 2

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*Lectures and exercise  
sessions on campus –  
no streaming  
no recording*

# Assignments

***“Tell me and I will forget,  
show me and I may remember;  
involve me and I will understand.”***

*“I hear and I forget.  
I see and I remember.  
I do and I understand.”*

Benjamin Franklin/  
Confucius

# Assignments

Assignment 1  
Deadline Sunday

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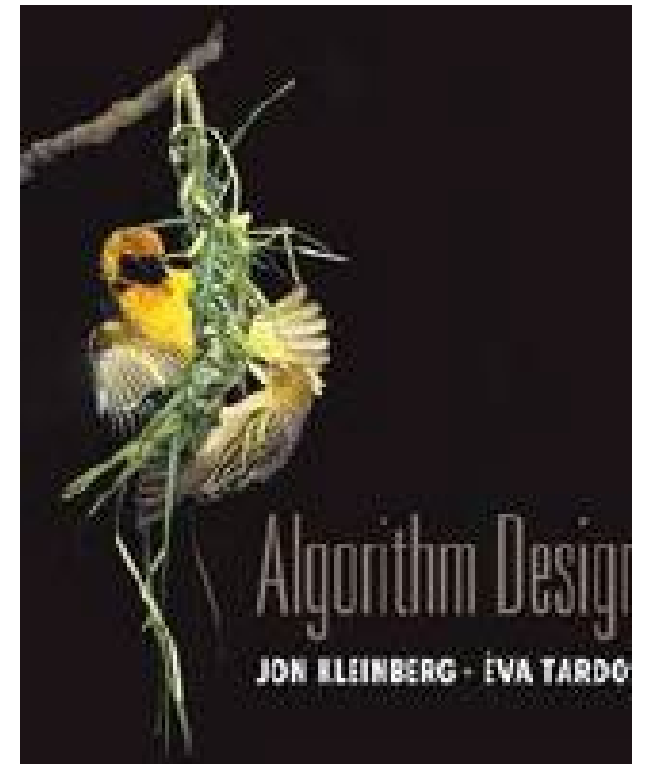
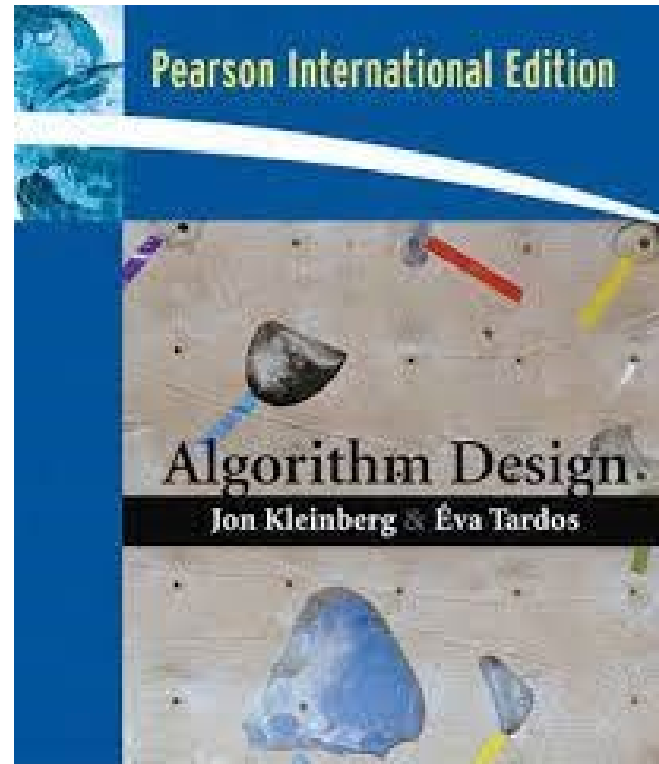
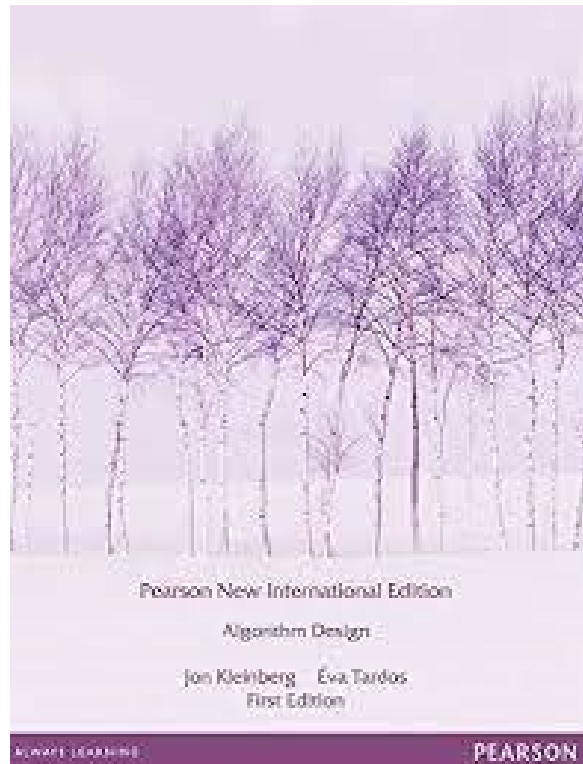
# Course Organisation

- Course homepage in CANVAS:

<https://chalmers.instructure.com/courses/20253> (you need to be registered in ladok to be able to access all pages)

- Exam Oktober 28
- The course runs twice a year (period 1 and period 3)

# Course book: Algorithm Design - Jon Kleinberg, Eva Tardos



# Course Material

- Course book: Kleinberg-Tardos, Algorithm design
- Lecture notes by Peter Damaschke
- Some lectures are complemented with short pre-recorded videos.



# People

## **Lecturers:**

- Birgit Grohe (examiner, course coordinator)
- Peter Damaschke (topic NP-completeness)

**Teaching assistants:** Jeremy Pope, Ivan Oleinikov, Hanna Ek, Emil Carlsson, Alexander Gower, student TAs

# Course plans TIN093/DIT602

*Course plan Chalmers:*

[https://www.student.chalmers.se/sp/course?course\\_id=33832](https://www.student.chalmers.se/sp/course?course_id=33832)

*Course plan GU:*

<https://kursplaner.gu.se/pdf/kurs/en/DIT093>

*This is not a course  
in programming!*

*Important:* It is your responsibility that you fulfill the prerequisites – in particular **Data structures and discrete mathematics**

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*First Assignment  
builds only on  
prerequisites.  
Start now! 😊*

