Complexity

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Introduction

- This is a course about *algorithms and complexity*
- We will *analyze* algorithms and assess *efficiency*
- It is an essential skill for advanced programmers

Basic course information

Teachers
- Alexandra & Henk (lectures)
- Bas and Bram (tutorials)

There are **8 lectures** plus **8 tutorials**.

Final grade

```
max{exam, 0.5exam + 0.25t1 + 0.25t2 }
```

Mark of written exam must be at least 5.

Basic course information

Lectures

- Weekly, 2 hours, on Tuesdays 15:45
- Presence not compulsory . . .
    - but active attitude expected, when present

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Website

`http://alexandrasilva.org/teaching/complexity2012`

Doubts, complains, suggestions, . . .

Email: `alexandra@cs.ru.nl` (or `henk@cs.ru.nl`)
My office: `HG.02.514`, check availability:
`http://alexandrasilva.org/calendar/`

Basic course information

How to pass this course . . .

- Practice, practice, practice . . .
- You don't learn it it by just staring at the slides - not a spectator sport!
- Exam questions will be in line with exercises

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  (Statistics tells that some of you will)

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- 3ec means $3 \times 28 = 84$ hours in total
  - Let's say 20 hours for exam
  - 64 hours for 8 weeks means: 8 hours per week!
  - on average 4 hours for studying & making exercises