

## Assessment

- ▶ In order to pass the module you need to pass an exam.
- ▶ Exam:
  - ▶ 3 hours
  - ▶ Date will be announced shortly.
  - ▶ There are no resources allowed, apart from a hand-written piece of paper (A4).
  - ▶ Answers should be given in English, but German is also accepted.

## Assessment

- ▶ Assignment Sheets:
  - ▶ An assignment sheet is usually made available on Monday on the module webpage.
  - ▶ Solutions have to be handed in in the following week before the lecture on Monday.
  - ▶ You can hand in your solutions by putting them in the right folder in front of room 03.09.052.
  - ▶ Solutions have to be given in English.
  - ▶ Solutions will be discussed in the subsequent tutorial on Tuesday.
  - ▶ The first one will be out on Monday, 14 April.

## 1 Contents


Part 1: Linear Programming

Part 2: Approximation Algorithms

## 2 Literatur

-  V. Chvatal:  
*Linear Programming*,  
Freeman, 1983
-  R. Seidel:  
*Skript Optimierung*, 1996
-  D. Bertsimas and J.N. Tsitsiklis:  
*Introduction to Linear Optimization*,  
Athena Scientific, 1997
-  Vijay V. Vazirani:  
*Approximation Algorithms*,  
Springer 2001

 David P. Williamson and David B. Shmoys:  
*The Design of Approximation Algorithms*,  
Cambridge University Press 2011

 G. Ausiello, P. Crescenzi, G. Gambosi, V. Kann, A.  
Marchetti-Spaccamela, and M. Protasi:  
*Complexity and Approximation*,  
Springer, 1999