

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 03.09.020.
 - ▶ 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, 20 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:
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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