Part I

Organizational Matters

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The Lecturer

► Harald Räcke

► Email: raecke@in.tum.de

▶ Room: 03.09.044

Office hours: (per appointment)

Part I

Organizational Matters

► Modul: IN2004

Name: "Efficient Algorithms and Data Structures II" "Effiziente Algorithmen und Datenstrukturen II"

► ECTS: 8 Credit points

Lectures:

4 SWS

Mon 12:15-13:45 (Room 00.13.009A) Fri 12:15-13:45 (Room 00.13.009A)

Webpage: http://www14.in.tum.de/lehre/2015SS/ea/

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Tutorials

- ► Tutor:
 - Chintan Shah
 - chintan.shah@tum.de
 - ▶ Room: 03.09.059 per appointment
- ▶ Room: 03.11.018

▶ Time: Tue 16:15-17:45

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.

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1 Contents

Part 1: Linear Programming

Part 2: Approximation Algorithms

1 Contents

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.

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2 Literatur



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

