

# Practical Optimization Algorithm Design

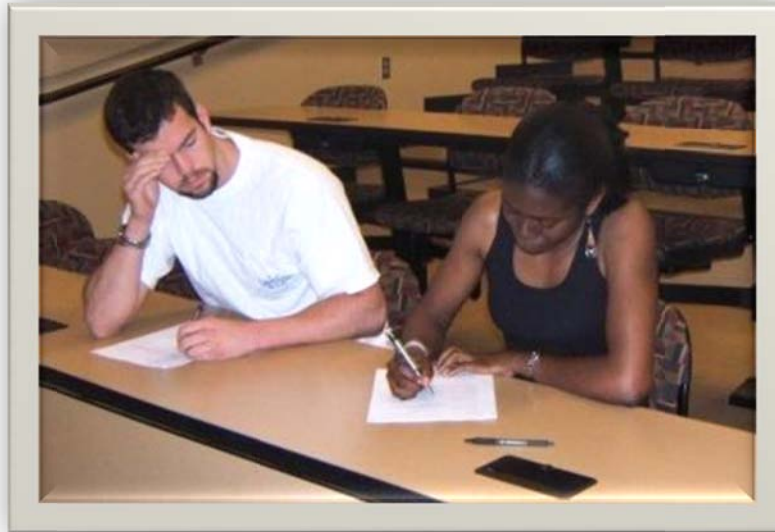
## Final Examination

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## Location/Time

- Location will be announced
- Date: Wednesday, 2011-01-05
- Time: 14:00 to 16:00 (02:00pm to 04:00pm)
- Please come at least 15 minutes earlier to be on the safe side

## Permitted Utilities

**A.** Dictionary Book (NO electronic dictionary)

**B.** Piece of paper with notes

1. Notes must be in English, not a single Chinese character is allowed on the note sheet
  2. The paper format is not bigger than A4 (ISO 216, 210mm\*297mm)
  3. The notes are written only on one side of the paper
  4. Notes must be completely written by hand. No typewriter or computer prints are allowed.
- Show **A** and **B** to the instructor directly before the examination for approval. **B** has to be handed in together with the examination.

## Utilities Not Permitted

- Your own paper is not permitted: You get the examination sheets from us. You are only allowed to write on them. Solutions written on other paper will be ignored.
- Calculators are not permitted: You don't need them
- Electronic dictionaries are not allowed
- Any sort of electronic device (laptop, mobile phone, etc) is not allowed
- Any sort of notes (except **B**) and the lecture/exercise slides as well as any book (except **A**) are forbidden

## Structure of the Exam

- All questions are in English (American English)
- All questions must be answered in English (American or British English)
- Answering in key points and short sentences is possible
- If “Pseudo Code” is required, you can write real pseudo code, or (simplified) Java, C, or Python code. You can add comments to clarify your code

## Structure of the Exam

- Approximately 10 tasks in total
  - 7 tasks à 10 points each
    - 1 of them is a multiple choice task
    - Some pseudo codes of general algorithms
    - Some questions regarding general phenomena in optimization
    - Some questions regarding the principles of the algorithms we studied
  - 3 tasks à 20 points
    - Define a specific approach to a given optimization problem
- Get 100 points!

## Seating

- Two seats space horizontally, one row space vertically



## Do not forget:

- The deadline for the project is also 2011-01-05, 23:00 [Beijing Time (CST) +0800 UTC]
- This is a hard deadline. Any solution handed in later will receive 0 points!!

谢谢你们！

再见！