Some Words Before the First Class of Course CS711008Z/CS6012

Dongbo Bu

Institute of Computing Technology
Chinese Academy of Sciences

Email: dbu@ict.ac.cn
WWW: http://bioinfo.ict.ac.cn/∼dbu/

September 16, 2017

1 Course information

Objective The objective of the course can be described as follows:

- to master the ability to extract mathematically clean core of a problem,
- then identify an appropriate algorithm design technique based on the problem structure observations,
- and finally prove the correctness and analyse algorithm performance.

Web site All the course information, including slides, demos, etc, are available via http://bioinfo.ict.ac.cn/∼dbu/AlgorithmCourses/CS711008Z/CS711008Z_2017.html

TA We have a total of seven TAs for the course, and they can be reached at 62600817 or tagc@ict.ac.cn.

We will have a total of 5 "Question-and-Answer" time in this term. The actual schedule will be sent to you via email.

2 Marking policy

The final score consists of the following two parts:

1. Assignments (24 marks): We will have a total of 8 assignments and each assignment has 3 marks.
2. Final exam or research report (76 marks): The final exam has a total of 10 questions (denoted as $Q1 - Q10$).
   - $Q1 - Q8$: Each question has a mark of 8, and they are simply variants of **randomly chosen** questions from the corresponding assignments.
   - $Q9 - Q10$: Each question has a mark of 6, and they never appear in any assignments in any forms.

Notice:

1. Algorithm implementation on computer is highly emphasized in our course besides simply writing pseudo-code on paper.

2. You would better write answers using Latex and finally submit a pdf file. Latex suites are available through:

   - Mac system: TexShop (http://download.cnet.com/TeXShop/3000-2054_4-6112.html)
   - Windows system: CTEX (http://www.ctex.org) is a good choice.
   - Linux system: TexWorks + spell

3. A template for drawing figures using Latex is available on the course website.

4. "Copy+paste" is **NOT** welcome.