

計算理論 Theory of Computation (705 30400)

Homework 1

Due 2:20 pm, March 12, 2008

1. Exercise 1, p. 31.
2. Exercise 3, p. 31.
3. Exercise 6, p. 32.
4. Exercise 2, p. 36.
5. Exercise 8, p. 36.
6. Exercise 2, p. 43.
7. Exercise 2, p. 47.
8. Exercise 4, p. 47.
9. Exercise 5, p. 47.
10. Exercise 6, p. 47.

1 PLEASE NOTE, NO EXCEPTION

- Homework is due **before the class begins** on March 12, 2008.
- Homework must be **computer TYPESET and handed in HARDCOPY**.
- You are expected to do the homework by yourself. Discussion among peers is encouraged but **copying from others is a shame**.

2 Note about textbook

- You can browse (part of) the textbook online at the following Google Books web site:
<http://books.google.com/books?isbn=0122063821>
- The most inexpensive copies I can find is about US\$ 56 per copy (excluding handling and shipping cost) at Barnesandnoble.com:
<http://search.barnesandnoble.com/booksearch/isbninquiry.asp?ean=9780122063824>
- I will loan a hardcopy to the class for the students and the TA to share.