

計算理論 Theory of Computation (705 30400)

Homework 2

Due 2:20 pm, April 16, 2008

1. Exercise 2, p. 54.
2. Exercise 3, p. 54.
3. Exercise 6, p. 58.
4. Exercise 3, p. 62.
5. Exercise 1, p. 67.
6. Exercise 2, p. 67.
7. Take your student id number but remove the first letter (B, R, etc.), use the remaining 8 digits as a number x . Find program \mathcal{P} such that $\#(\mathcal{P}) = x$.
8. Exercise 4, p. 70.
9. Exercise 6, p. 70.
10. Exercise 1, p. 77.
11. Exercise 2, p. 84.
12. Exercise 5, p. 85.
13. Exercise 8, p. 85.
14. Exercise 1, p. 87.
15. Exercise 3, p. 87.

1 PLEASE NOTE, NO EXCEPTION

- Homework is due **before the class begins** on April 16, 2008.
- Homework must be **neatly written (typeset preferred) and handed in a hardcopy**.
- You are expected to do the homework by yourself. Discussion among peers is encouraged but **copying from others is a shame**.

2 Special Announcement

- The teaching assistant of this course: Mr. Darren Lin (林瑞億 先生)
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