

計算理論 Theory of Computation (705 30400)

Homework 4

Due 3:30 pm, May 19, 2010

1. Exercise 1 (a) (d) (g), p. 241.
2. Exercise 4, p. 242.
3. Exercise 1 (a) (b) (c), p. 246.
4. For each of the ndfas in Exercise 1 (a) (b) (c), p. 246, construct a dfa that accepts the same language.
5. Exercise 3, p. 247.
6. Exercise 1 (a) (b) (c) (d), p. 252.
7. Exercise 3 (a) (b), p. 252.
8. Exercise 5 (a) (b), p. 259.
9. Exercise 7, p. 265.

1 Homework and Exam Grades

Visit the following link to check your grades:

<http://spreadsheets.google.com/pub?key=tilf1HotNwhyhQkW92tilcA>

Please let me and the TA know if you have any question.

2 PLEASE NOTE, NO EXCEPTION

- Homework is due **before the class begins** on May 19, 2010.
- Homework must be **computer typeset or neatly written**. Hand in **hardcopy**.
- You are expected to do the homework by yourself. Discussion among peers is encouraged but **copying from others is a shame**.