Midterm Examination 2

Date: Tuesday , April 20, 2010   Time: 19:00–20:30   Venues: LTA, LTB, LTC

Name: _____   Student ID: _____

Email: _____   Lecture and Tutorial: _____

Instructions

- This is a closed book exam. It consists of ?? pages and ?? questions.

- Please write your name, student ID, email, lecture section and tutorial on this page.

- For each subsequent page, please write your student ID at the top of the page in the space provided.

- Please sign the honor code statement on page 2.

- Answer all the questions within the space provided on the examination paper. You may use the back of the pages for your rough work. The last three pages are scrap paper and may also be used for rough work. Each question is on a separate page. This is for clarity and is not meant to imply that each question requires a full page answer. Many can be answered using only a few lines.

- Only use notation given in class. Do not use notation that you have learnt outside of this class that is nonstandard.

- Calculators may be used for the exam.

- In Some questions you are asked for a solution to a recurrence. A *solution* means a formula given in closed form. Formulas using the summation symbol ($\sum$) or ellipses (...) will not be accepted as answers.