

ITI8590 — Exercises 1

Released 7th February 2012.
Deadline 28th February 2012.

Please either complete the coursework on paper and hand in at the lecture or write it in LaTeX and submit a pdf to iti8590-staff@lists.ioc.ee. When writing your answers please use the verbose proof style introduced in the first lecture for equational proofs and ensure that you don't skip or fail to refer to any important details so that we might fail to see the validity of your arguments.

Note The question numbers come from the 3rd edition of the textbook. There is some overlap between questions from previous editions but the numbers/subtle details may be different.

Questions

1. Exercise 2.3-4 (3 points)
2. Problem 2-1 (15 points: a - 3; b, c - 5; d - 2)
3. Exercise 3.2-7 (5 points)
4. Problem 3-2 (18 points)
5. Exercise 4.3-7 (10 points)
6. Exercise 4.4-2 (10 points)
7. Problem 4.1 parts c , d , e (15 points)
8. Problem 4.3 parts f , g , h (24 points)

James Chapman
Pavel Grigorenko

Last modified 12th March 2012.