ELECTIVE HOMEWORK in SF2940 PROBABILITY THEORY

Examiner: Timo Koski, email: tjtkoski@kth.se

Write your solutions on only one page of each sheet. You should define and explain your notation. Your computations and your line of reasoning should be written down so that they are easy to follow.

Staple your sheets of solutions together, with the homework cover sheet(handed out, downloadable) as uppermost. There can be only one student name on each submitted set of solutions.

The homework will be graded and the graded solutions will be returned.

THE DEADLINE OF SUBMISSION: FRIDAY THE 10TH OF OCTOBER at 12.00 hours.

NO ELECTRONIC SUBMISSION IS PERMITTED.

THE GRADING COMPLETED: NO LATER THAN THURSDAY THE 16TH OF OCTOBER.

There are seven(7) assignments. Each assignment gives maximum ten (10) points.

The bonus points will be valid only in the exam 27th of October, 2014. THE BONUS SCALE: Bonus points in the exam $--$ graded points in the homework

$$0 \text{ for } 0 - 10 \text{ points,}$$
$$1 \text{ for } 11 - 20 \text{ points },$$
$$2 \text{ for } 21 - 30 \text{ points,}$$
$$3 \text{ for } 31 - 40 \text{ points,}$$
$$4 \text{ for } 51 - 60 \text{ points,}$$
$$5 \text{ for } 61 - 70 \text{ points.}$$

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Assignment number: Section in LN. The problem number in that section

- 1: 1.12.3. 10

- 2: 2.6.5. 6

- 3: 3.8.3. 1

- 4: 3.8.3 14

- 5: 4.7.2. 4

- 6: 5.8.3. 11

- 7: 7.6.1. 1