

# CS699 Autumn 2013 Quiz-1 (The Mirror)

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In this quiz, you will be generating, using latex, a PDF file which looks similar to this PDF file having the questions. You will also be storing all your answers in an svn repository you created for the quiz.

1. **Question-1: 2 marks**

- Create a local svn repository (which will be accessed using “file:///”) within the directory svn-repo-quiz1.

2. **Question-2: 1 mark** Start editing your main latex file quiz1-answer.tex, with the text content as in the questions PDF file (you can cut-paste this part). Generate the PDF version of the latex file as quiz1-answer.pdf. This answer PDF should be similar in content to the PDF file with the questions (exact locations of page breaks, exact locations of figures are not important). Add quiz1-answer.pdf into the svn repository and commit.

3. **Question-3: 1 mark**

Write the following equation in Latex.

$$e^x = \sum_{i=0}^{\infty} \frac{x^i}{i!}$$

4. **Question-4: 2+0.5 marks**

Plot the following graph using gnuplot by editing the file cdf-plot.gnu. Embed it in latex as eps or pdf; the exact position of the figure is not important. The relevant data is given in files a1.csv and a2.csv

5. **Question-6: 1 mark**

Refer to the above graph and figure using Latex cross-reference in the following sentence. “Figure 1 is a CDF plot while Figure 2 is a butterfly.”

## Submission Instructions

1. Commit to the svn repository from the working directory
2. From within the relevant directory, run “bash prepare-upload.sh”
3. Upload the file forupload.tgz created

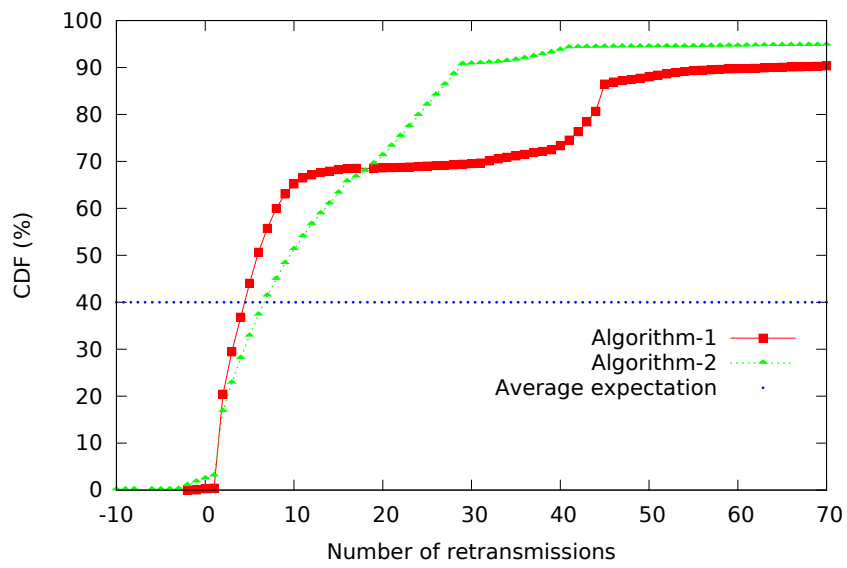
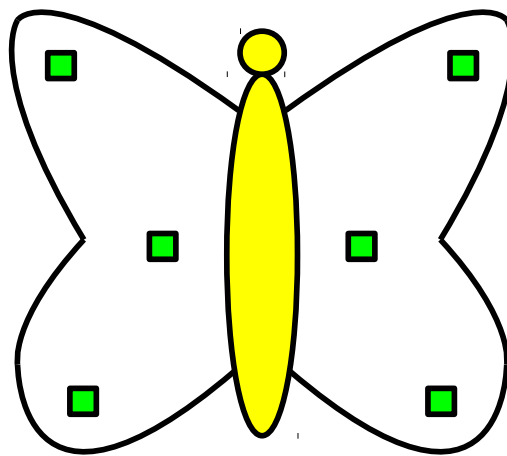


Figure 1: CDF of the number of retransmissions



The Butterfly Network

Figure 2: Depiction of a symmetric network graph

[illegible]

