

Due to: Aug. 28, 2014

This homework is not an evaluation, then you get no grade from it!

Common mistakes on performance evaluation

In the last class (Aug. 07, 2014), we have discussed about the common mistakes on performance evaluation. In a nutshell, we have observed mistakes related to:

- No goals
- Biased goals
- Unsystematic approach
- Analysis without understanding the problem
- Incoherent performance metrics
- Unrepresentative workload
- Wrong evaluation technique
- And so on . . .

From the book text entitled “The art of computer system performance analysis” (chapter 2), you can find a checklist for avoiding common mistakes. Based on that, I would like you put that knowledge in practice following the steps:

1. From the literature, select a published paper (the list of recommended conferences and journals from where you can select a paper is presented in this document);
2. Read the paper;
3. Point out good and bad aspects of the performance analysis from the paper;
4. Describe how could you fix the bad points;

5. You must prepare a 2-3 slides in order to present the good and bad point of the paper and your discussion about how to solve the negative ones.

Three of you will be selected online to present your slides in the class of **Aug. 28, 2014**.

List of conferences and journals

- ACM SIGMETRICS
- IFIP WG 7.3 Performance
- CMG Transactions
- Performance Evaluation Review
- Transactions of the Society for Computer Simulation
- SIAM Journal on Scientific and Statistical Computing
- SIAM Review
- Theory of Probability and Its Applications