

Homework Assignment #6

(as email due: **Thursday, February 10, 8:00 am**)

1. Latex/Xfig: At the end of our Tuesday, Feb. 8, class copy into your `~/share.dir/` the latest version of your paper as ps-file. Make this file readable with `chmod a+r papername.eps`. This version of your paper does not have to be finished yet, it serves us the purpose to see how far you are with your project and paper-writing.

2. Start reading the papers (& books) you got for your main project. Work on the background reading, i.e. read carefully the papers you got: the abstract and the introduction, background, simulation, theory sections. This task helps each of you to become expert in the topic of your main project. Use as guidance my comments on your first version of bibliography/model.

Train yourself with the reading, such that if you would present at a conference of your topic, that anybody of the audience could ask you about the background of your topic. (A common question asked at talks is: “In which sense is your work different than the work of ...”) There is no need for an answer to this question, but you should start with the reading of the references you got, because it will take many hours of research. Have fun! (I do not need an answer to this question by Thursday, but you need to keep working on this reading to be able to finish the task by Febr. 15.)

4. On Tuesday we will start our 2.5 week long section on the Game of Life. As preparation

4a. Read the hand-out “Cellular Automata Preliminaries”. (Answer to this question should be “done”.)

4b. Find out more about “game of life” and cellular automata. As answer to this question give a summary of your findings. Keywords and cool web pages or other sources like books are fine. You will give a quick summary of your findings at the beginning of our Thursday class.

5. Comments: What of this assignment was most difficult and/or most interesting? Do you have any comments about last class and/or this course?