

Cellular Automata

The goal of the presentation is to discuss Cellular Automata. Your presentation should include at least

- A discussion of what cellular automata is.
- A discussion of the game of life (by Conway)
- An explanation of a 1 dimensional cellular is.
- The fact the game of life can mimic any computer.
- A statement of what the continuum hypothesis is.

In addition you should include at least one thing not on the above list

At the end of your presentation the class will be asked one of the following questions.

- What is the most famous cellular automata?
- What type of computer programs can the game of life mimic?
- Who first discovered cellular automata?

A good starting point for your research is

http://en.wikipedia.org/wiki/Cellular_automata

If you have any questions regarding the presentation feel free to e-mail your TA or Dr. Ackerman