

8.28.12 - introduction, homework is to write a short Word document about the Game of Life program that was created in class, homework due next class period is...

9.4.12 - Changed Game of Life rules to try to create new kinds of cellular automata. For next class, refer to notes in the notebook as for what he's looking for, but include also what we did in class.

9.11.12 - discussed Monte Carlo simulations and Turing processes, programmed ReactionDiffusion. For the log next week, tweak the parameters to produce patterns via Turing processes.

9.18.12 - lecture about the Random Walk, fill out lab about the random walk in NetLogo

9.25.12 - discussed more about the random walk

10.2.12 - more about the random walk and Levy flight. Introduction to swarm intelligence and termites.

10.9.12 - more about termites, started slime molds

10.16 - fall break, no class

10.23 - more on slime molds

10.30 - finished up slime molds, started ant simulation, presentation due next class (3 minutes)

11.6 - short presentations about ants model, started lecture about honeybees

11.13 - short class, Dr. Karsai went over our project ideas with us

11.20 - no class, self work on project

11.27 - received help and input on projects

12.4 - final presentations

Notes:

NetLogo program - <http://ccl.northwestern.edu/netlogo/>