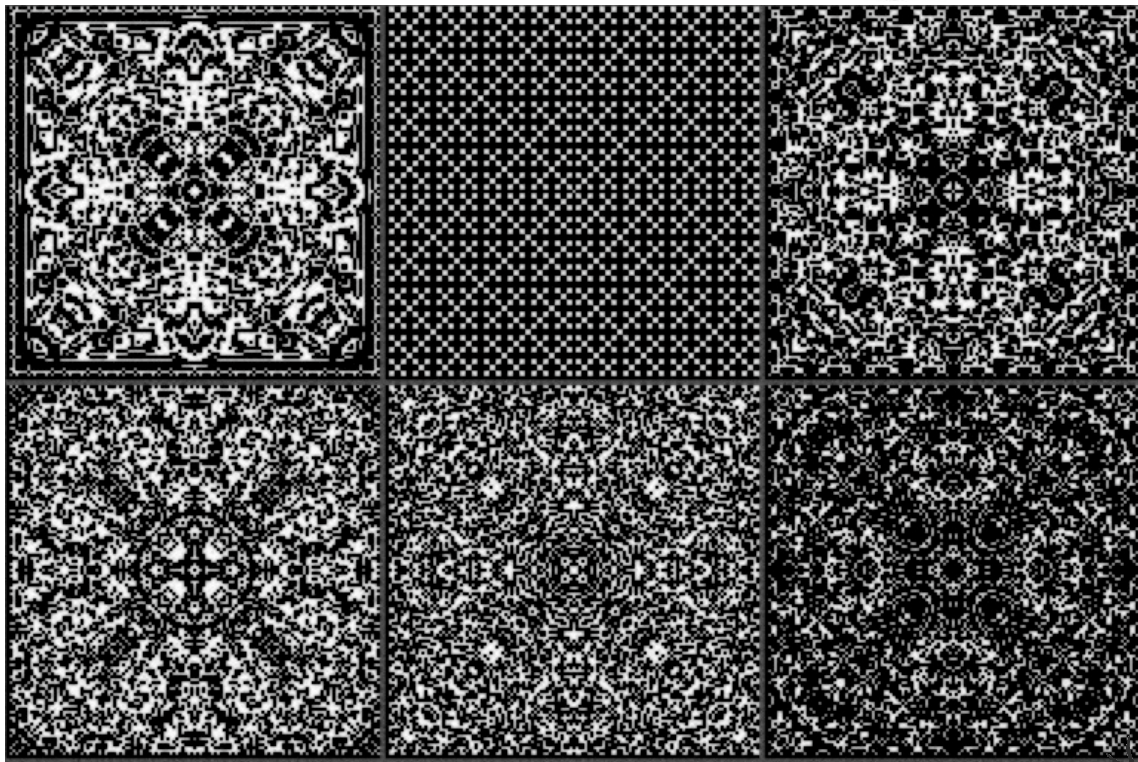


The SUMO Speaker Series for Undergraduates

(food from Pizza Chicago)

Wednesday, October 14

4:15-5:05, room 380C



A few cellular automata

Professor Andrew Snowden

ABSTRACT: I will give an introduction to three cellular automata: Conway's Life, Langton's Ant and Paterson's Worms. These systems are amazing because they are defined by extremely simple rules but exhibit very complicated behavior. I find them particularly intriguing because some of the most obvious phenomena one observes in them remain unexplained. In the talk, I will give a bunch of examples and summarize some of what is known and unknown.

sumo.stanford.edu/speakers