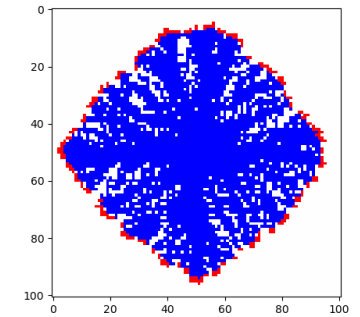
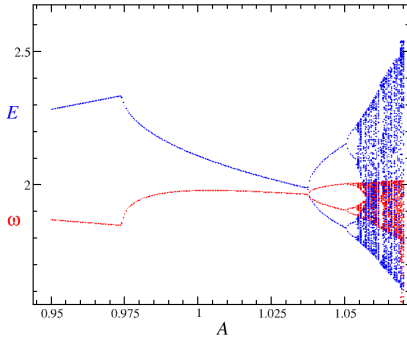


Computer Simulation Symposium

Bucknell 2021

for zoom link see

http://www.eg.bucknell.edu/~kvollmay/phys338_s2021/



May 6 (Thursday)

10:20 am Casey Miller, "Artificial Bee Colony Algorithm"

10:35 am Jacky Lin, "Fractal Dimension of the DLA Model On and Off Lattice"

10:50 am Gavin Lindsay, "Effects of Size Parameters on the Percolation Threshold"

11:05 am Liam Gibbons, "Simulation of the Protein Folding HP Model"

11:20 am Justin Keller, "Modeling 2D Crystal Growth"

May 10 (Monday)

10:20 am Lindsey Bloom, "Effects of O₂ Concentration on Diffusion-Limited Tumor Growth"

10:35 am Kyle Ferguson, "Simulated Tumor Growth with Abnormal Microenvironment"

10:50 am Max Martin, "An Investigation into the Artificial Immune System"

11:05 am George Sun, "Percolation Simulation"

11:20 am Weiru Chen, "Study of The Glass Forming Process Using The KALJ Model"

May 12 (Wednesday)

10:20 am Mike Dwyer, "Modeling Disease Spread with a Dynamic SIR Model"

10:35 am Ella Carlander, "SIDARTHE Epidemic Model for The Spread of COVID-19"

10:50 am Noah Greenberg, "Epidemic Model for Viruses Similar to COVID-19"

11:05 am Josh Gesselberty, "Recreation of SEIR Model"

11:20 am Bryant Boswell, "Event-Driven Simulation of Hard-Disks on Billiard Table"