

Mathematical Origins of Life

Group Contract Schedule

Week 1

Meeting Days:

Monday June 25th, 9:00-11:00

Wednesday June 27th, 9:00-11:00

Reading: Allman Chapter 1 and Chapter 2

Homework:

Keep this homework in your portfolio. Solutions will be posted online. When the textbook asks you to use MATLAB for a calculation you should either use Excel (for difference equations) or Mathematica (for matrix calculations). You can find Excel and Mathematica demos on the course website.

Allman Ch 1,

Ch 1.1 pg 5, Ex. 1,7,10,12

Ch 1.2 pg 17 Ex. 2,5,8,9,11

Ch 1.3 pg 28, Ex. 1,2,4,5,8,11

Ch 1.4 pg 36 Ex. 1,2,3

Allman Ch 2,

Ch 2.1 pg 51 Ex 1,4,6,8,9

Ch 2.2 pg 62 Ex 1,3,5,6,9,10,12

Ch 2.3 pg 75 Ex 1,4,5,7,9

Ch 2.4 pg 83 Ex 1,4

Lab:

Complete NetLogo Lab 1. Save your Netlogo file with naming convention

Lastname_Firstname_lab1.nlogo, and email it to me at mcavityd@evergreen.edu