COMPLEX DYNAMICAL SYSTEMS

A SERIES OF TEN
LECTURES TO THE ROSS
INSTITUTE, 2011-2012
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LECTURES 1-5

- 1. Nov 2, Intro: Epiphany, What, Why, How
- 2. Nov 9, Grs. K, 1: Dynamical Systems
- 3. Nov 16, Grs 2, 3, 4: Complex Dyn Sys
- 4. Nov 21, Grs 5, 6, 7, 8: NetLogo Models
- 5. Dec 7, Grs 9, 10, 11: NetLogo Models

LECTURES 6-10

- 6. Jan 25, NetLogo Patches
- 7. Feb 1, NetLogo Turtles
- 8. Feb 8, NetLogo User Manual
- 9. Feb 15, NetLogo Extensions
- X. Mar 28, NetLogo CDS Models

LEC. 6: PATCHES

- ** A. Complex Systems
- ** B. Computer Graphic Revolution.
- C. NetLogo Programming: Patch Patterns.

LEC. 7: TURTLES

- * A. The Limits to Growth
- ** B. NetLogo Programming: Turtles

LEC. 8: USER MANUAL

- * A. Interface Guide
- *B. Programming Guide

A. INTERFACE GUIDE

ELEMENT MENU

- **Buttons, Sliders, Switches, Choosers
- Monitors, Plots, Outputs, Notes

B. PROGRAMMING GUIDE

MOST IMPORTANT

- Wariables (global, agents, local)
- **Turtle Shapes
- * Tick Counter

HOMEWORK 8 = 7

- Individuals: Create your own turtle drawing in NetLogo.

END OF LECTURE EIGHT OF TEN