

# PARAMETERS & BIFURCATIONS

## EXAMPLE 2:

*The Logistic Map*  
(restricted growth)

# Logistic Map ...

$$L_{i+1} = r L_i (1 - L_i)$$

- Simplest nontrivial model often used as an introduction to DST and Chaos theory.
- Well-known model in ecology, physics, economics and social sciences.
- ‘Styled’ version of Van Geert’s model for language growth. (*Next meeting*)