

Linear Map: Iteration with a Parameter

Some interesting differences compared to a linear model:

- Change of behaviour over iterations
 - ▶ *Simple model vs. “time” or “occasion” as a predictor*
- Qualitatively different behaviour
 - ▶ *One model produces at least four different types of behaviour*
 - ▶ *Not by adding predictors (components), by changing one parameter*

PARAMETERS & BIFURCATIONS

EXAMPLE 2:

The Logistic Map
(restricted growth)