

The Linear Map ...

The (rate of) change of the state of a system is proportional to its current state:

$$Y_{i+1} = a \cdot Y_i$$

...Iteration...

The Linear Map

Initial value: Y_0

**Iteration in general just means
applying the function
over and over again
starting with an
initial value**

**and subsequently
to the result of
the previous
step**