

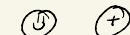
Sistemas dinámicos

Dos lados
- cara \downarrow
- cruz \uparrow

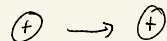
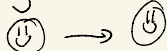


2 estados

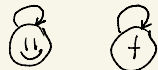
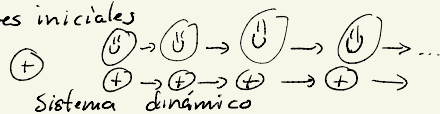
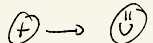
Condiciones iniciales



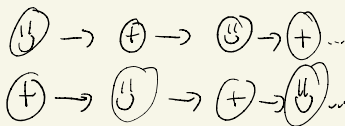
Ley de movimiento



Otra ley



Sistema dinámico



Ecuaciones de movimiento

Espacio de configuraciones.

$$\sigma = \{1, -1\}, \quad t \in \mathbb{Z}$$

$$1) \sigma(t+1) = \sigma(t)$$

$$2) \sigma(t+1) = -\sigma(t)$$

Ecuaciones de movimiento del sistema.

Completamente determinista

- Sistema cerrado

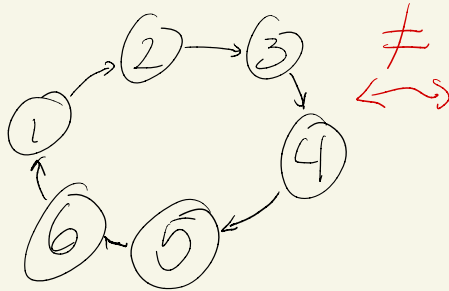
Dado



Espacio de configuraciones



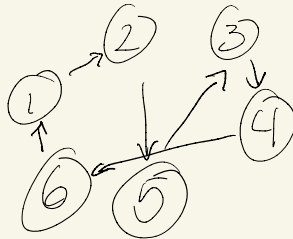
Otra ley



Condición inicial



Otra ley

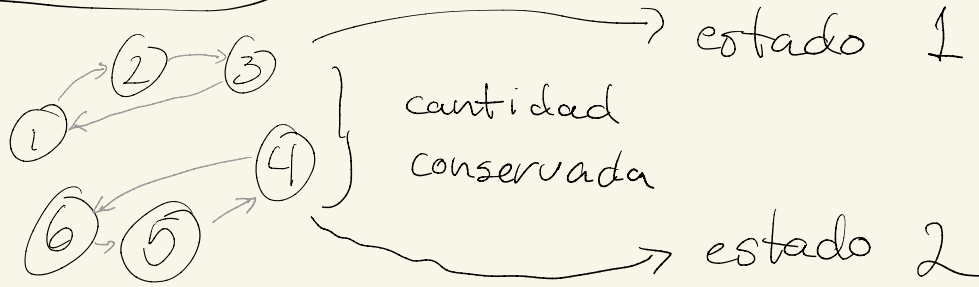


Leg de movimiento

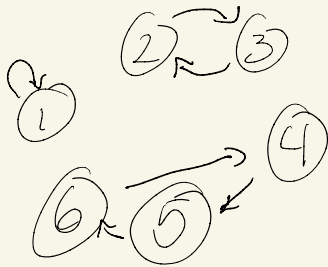


leyes
equivalentes

Otra ley



Otra



Jueves 11:45
seguimos en la
misma sesión,