

Ejercicio 2

1. T^a hogar \rightarrow {wake, sleep} : part of Day
 {low, high} : temp

arrancar \Rightarrow wake, low

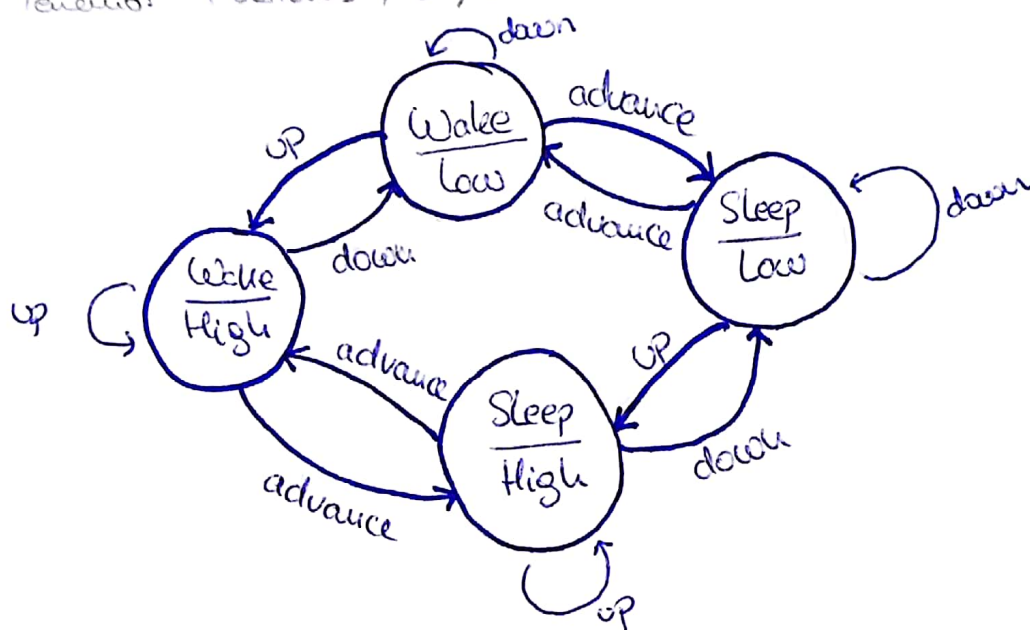
advance () \Rightarrow wake, sleep, ...

up () \Rightarrow low \rightarrow high

down () \Rightarrow high \rightarrow low

NEF

Tenemos 4 variables, 2, 2 \rightarrow 4 estados distintos \otimes combinación de éstos.



2.

$\frac{\text{Wake}}{\text{Low}} \xrightarrow{\text{up}} \frac{\text{Wake}}{\text{High}} \xrightarrow{\text{advance}} \frac{\text{Sleep}}{\text{High}} \xrightarrow{\text{up}} \frac{\text{Sleep}}{\text{High}} \xrightarrow{\text{down}} \frac{\text{Sleep}}{\text{Low}} \xrightarrow{\text{down}} \frac{\text{Sleep}}{\text{Low}} \xrightarrow{\text{down}} \frac{\text{Sleep}}{\text{Low}}$
 $\xrightarrow{\text{advance}} \frac{\text{Wake}}{\text{Low}} \xrightarrow{\text{advance}} \frac{\text{Sleep}}{\text{Low}} \xrightarrow{\text{up}} \frac{\text{Sleep}}{\text{High}} \xrightarrow{\text{advance}} \frac{\text{Wake}}{\text{High}} \xrightarrow{\text{up}} \frac{\text{Wake}}{\text{High}}$
 $\xrightarrow{\text{down}} \frac{\text{Wake}}{\text{Low}} \xrightarrow{\text{down}} \frac{\text{Wake}}{\text{Low}}$