

$x \in \mathbb{X}$

{1, 2, 0, 1, 2, 3, 1, 2, 0, 3,  
0, 0, 1, 0, 3, 3, 2, 2, 3, 1}

$\gamma: \mathbb{X} \mapsto \mathbb{Y}$



machine

4  
3  
2  
1  
0

0

50

100

150

time

2

1

0

1

2

$y \in \mathbb{Y}$

+++++

A simple demo

$\mathcal{I}$

4 5

0 10 1 20 2 20 3 40 4 10

1 20 0 10 3 30 2 50 4 30

2 30 1 20 4 12 3 40 0 10

4 50 3 30 2 15 0 20 1 15

+++++