

$$\forall x, y : (w = xay \Rightarrow |x|_b \in 2)$$

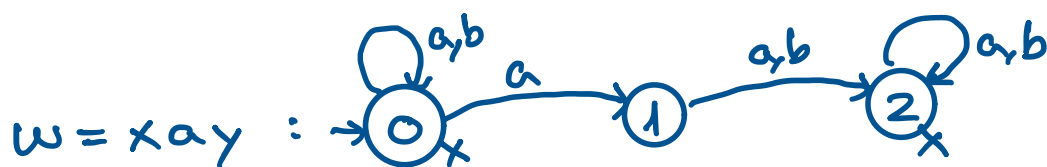
1- Obtenemos el complementario

$$\neg \forall x, y : (w = xay \Rightarrow |x|_b \in 2) \equiv \neg \forall x p(x) \equiv \exists x \neg p(x)$$

$$\equiv \exists x, y : (w = xay \Rightarrow |x|_b \in 2) \equiv \neg (p \rightarrow q) \equiv p \wedge \neg q$$

$$\equiv \exists x, y : (w = xay \wedge |x|_b \notin 2)$$

2- Describimos los autómatas por separado

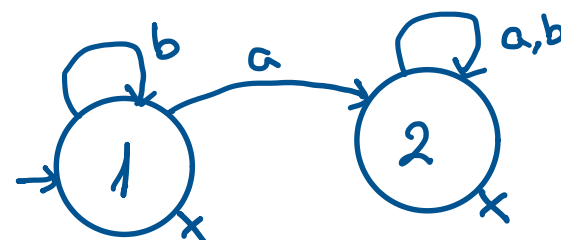


	a	b
0	0 1	0 +
1	2	2
2	2	2 +

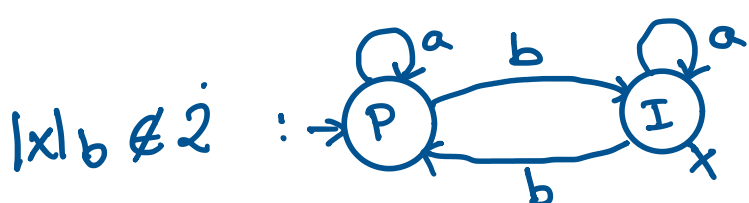
Lo pasamos a determinista

	a	b
0	0 1	0 +
0 1	0 1 2	0 2 +
0 1 2	0 1 2	0 2 +
0 2	0 1 2	0 2 +

	a	b
0	0 1	0 +
0 1	0 1	0 1 +

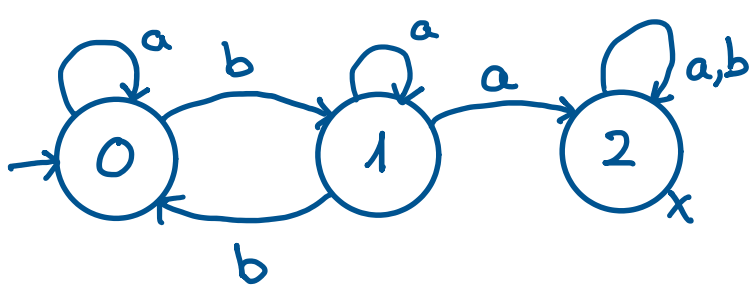
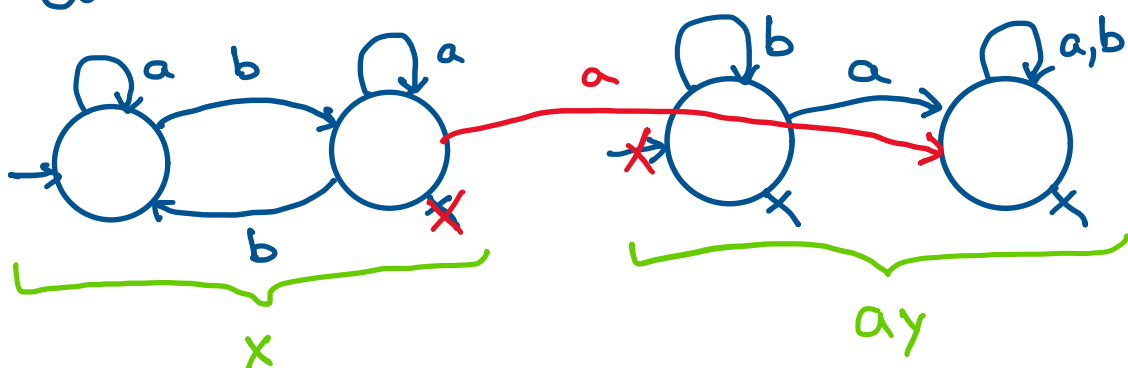


	a	b
1	2	1 +
2	2	2 +



	a	b
P	P	I
I	I	P +

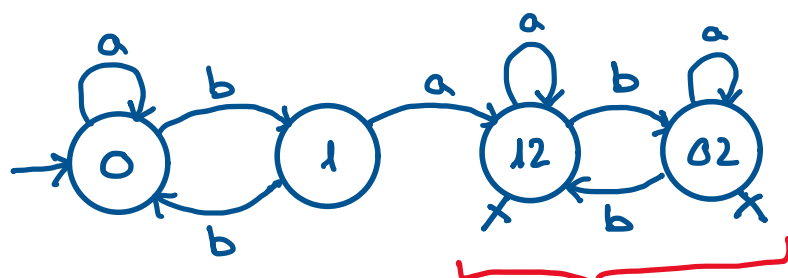
3- Concatenamos



	a	b
0	0	1
1	1 2	0
2	2	2 +

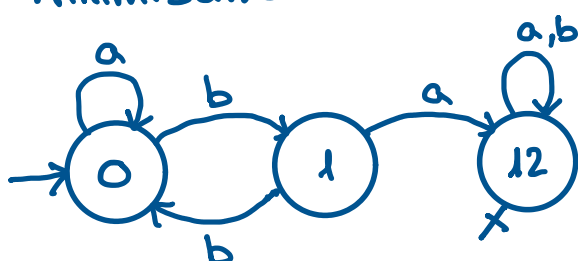
4- Pasamos a determinista

	a	b
0	0	1
1	1 2	0
1 2	1 2	0 2 +
0 2	0 2	1 2 +



Bucle del que no salimos

5- Minimizamos



6- Aplicamos el complementario

