



Entradas = { $a, b$ }

Salidas = { $S, R$ }

(sensores desbloqueados)

$S_0 (S=0, R=0)$

$$a=1 \vee b=0 \rightarrow S_1$$

$$a=0 \vee b=0 \rightarrow S_0$$

$$a=b \vee b=1 \rightarrow S_4$$

(se bloquea bprimero)

$S_4 \xrightarrow{\bar{a}=0 \vee b=r} S_4$

$\bar{a}=0 \vee b=0 \rightarrow S_0$

$\bar{a}=1 \vee b=1 \rightarrow S_5$

(se bloquea  $\bar{a} \vee \bar{b}$ )

$S_5 \xrightarrow{\bar{a}=1 \vee b=1} S_5$

$\bar{a}=0 \vee b=1 \rightarrow S_4$

$\bar{a}=1 \vee b=0 \rightarrow S_6$

(se desbloquea  $b$ )

$S_6 \xrightarrow{\bar{a}=1 \vee b=c} S_6$

$\bar{a}=1 \vee b=1 \rightarrow S_5$

$S=0 \quad r=1$

$\bar{a}=0 \vee b=c \rightarrow S_0$

(se desbloquea  $a$ )

$S_3$

$$\bar{a}=0 \vee b=1 \rightarrow S_3$$

$$\bar{a}=1 \vee b=1 \rightarrow S_2$$

$$S=1 \quad r=0$$

$$\bar{a}=0 \vee b=0 \rightarrow S_0$$