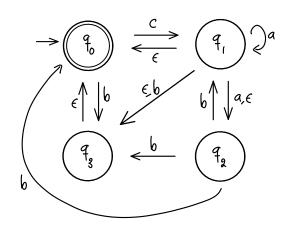
c) M_c



$$Q = \lambda q_0, q_1, q_2, q_3$$

 $Z = \lambda a, b, c$
 q_0 estado inicial
 q_0 estado final

	8	а	b	С	ϵ
	0+0	Ø	19 ₃ }	1 9,{	Ø
•	9,	19,92	{9 ₈ }	Ø	19,9,9,1
	92	Ø	19,9,9,1	Ø	Ø
-	93	Ø	Ø	Ø	{ 9. }

Aplicamos el teorema 2.1 para hallar M_c DFA tal que $L(M_c) = L(M_c)$

Recordar la ϵ -closure $[q] := \{ \rho \in Q : q \xrightarrow{\epsilon} \rho \}$

$$\begin{bmatrix} q_{1} \end{bmatrix} = \{q_{1} \} \\
 \begin{bmatrix} q_{1} \end{bmatrix} = \{q_{1}, q_{2}, q_{3} \} = [q_{1}, q_{2}] = [q_{1}, q_{3}] = [q_{1}, q_{2}, q_{3}] = [q_{2}, q_{3}$$

Recordar que $\begin{cases} 1 & \text{[q] } x := \\ 1 & \text{[q] } \end{cases} \Rightarrow \begin{cases} 1 & \text{[q] }$

		1	
8,	a	ه	С
[4]	Ø	$\left[q_{g}\right]$	[4,]
[4,]	[4,]	[qt]	[4,]
[92]	Ø	[q]	Ø
$\left[q_{g}\right]$	Ø	[43]	[4,]
[4,92]	Ø	[qt]	[4,]
[9,93]	Ø	[4,]	[4.]
	Ø	Ø	Ø

lugo $M_c^{\prime} := (Q, \Sigma, S, [q], \alpha \Sigma)$ es el DFA tal que $L(M_c^{\prime}) = L(M_c)$

