$a(b|\lambda) \mid b^+$

$$
\begin{aligned}
\partial_a(L_0) &= \partial_a(a(b|\lambda) \mid b^+) \\
&= \partial_a(a(b|\lambda)) \mid \partial_a(b^+) \\
&= \partial_a(a)(b|\lambda) \mid \varepsilon(a)\partial_a(b|\lambda) \mid \emptyset \\
&= \lambda(b|\lambda) \mid \emptyset \\
&= b \mid \lambda \\
&= L_1
\end{aligned}
$$

$$
\begin{aligned}
\partial_b(L_0) &= \partial_b(a(b|\lambda) \mid b^+) \\
&= \partial_b(a(b|\lambda)) \mid \partial_b(b^+) \\
&= \emptyset \mid \partial_b(b)b^* \\
&= b^* \\
&= L_2
\end{aligned}
$$

$$\partial_a(L_1) = \partial_a(b|\lambda) = \emptyset = L_T$$

$$\partial_b(L_1) = \partial_b(b|\lambda) = \lambda = L_3$$

$$\partial_a(L_2) = \partial_a(b^*) = \emptyset = L_T$$

$$\partial_b(L_2) = \partial_b(b^*) = b^* = L_2$$

$$\partial_a(L_3) = \partial_b(L_3) = \emptyset = L_T$$

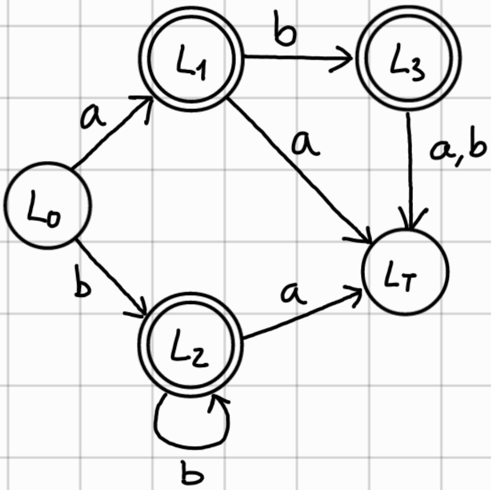
$$\partial_a(L_T) = \partial_b(L_T) = \emptyset = L_T$$

$A = (Q, \Sigma, \delta, q_0, F)$ $\quad Q = \{L_0, L_1, L_2, L_3, L_T\}$ $\quad \Sigma = \{a, b\}$ $\quad q_0 = L_0$

$F = \{L_1, L_2, L_3\}$ $\quad \lambda \in L(L_1), L(L_2), L(L_3)$

$\delta : Q \times \Sigma \to Q$

	∂a	∂b
$L_0 = a(b \mid \lambda) \mid b^+$	L_1	L_2
$L_1 = b \mid \lambda$	L_T	L_3
$L_2 = b^*$	L_T	L_2
$L_3 = \lambda$	L_T	L_T
$L_T = \emptyset$	L_T	L_T



Acepta: a ab b bb bbb

Rechaza: abb aba aa λ