b. $M_0 = \langle \{0,1,2,3,4,5,6\}, \{a,b\}, \delta_0, 0, \{6\}\rangle$,

$$\delta_0 = \begin{array}{c|c|c|c}
 & a & b & \lambda \\
\hline
0 & \{1\} & \{2\} & \{4\} \\
1 & \varnothing & \varnothing & \{0,3\} \\
2 & \varnothing & \varnothing & \{0,3\} \\
3 & \{4\} & \varnothing & \varnothing \\
4 & \varnothing & \varnothing & \{5\} \\
5 & \{6\} & \{6\} & \varnothing \\
6 & \varnothing & \varnothing & \{5\}
\end{array}$$
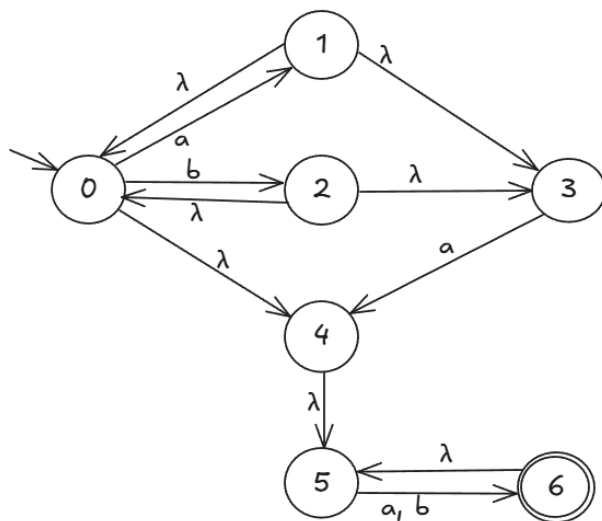
Defino δ':

Q' \ Σ	a	b
{0, 4, 5}	{0, 1, 3, 4, 5, 6}	{0, 2, 3, 4, 5, 6}
{0, 1, 3, 4, 5, **6**}	{0, 1, 3, 4, 5, 6}	{0, 2, 3, 4, 5, 6}
{0, 2, 3, 4, 5, **6**}	{0, 1, 3, 4, 5, 6}	{0, 2, 3, 4, 5, 6}

$M_0' = \langle Q', \{a, b\}, \delta', \{0, 4, 5\}, \{\{0, 1, 3, 4, 5, \mathbf{6}\}, \{0, 2, 3, 4, 5, \mathbf{6}\}\}\rangle$