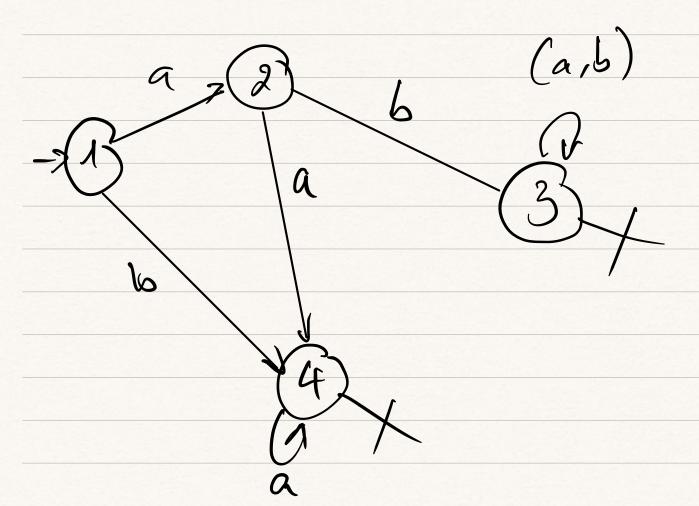
Lemme d'Arden 2 - AxL UB admot pour solution 1 - A*B A=(Z,Q, q, F, S)
Paux chaque était q E Q, an défait

Siq & Find, Lg = \(\sigma \) ace \(\sigma \) \(\lambda \)

Si q & Finaly Lq = Sats at olara JE

$$F = adg + bdq$$

$$F = adg + bd$$



$$E \rightleftharpoons \begin{array}{c} L_1 = \alpha L_2 + b L_4 \\ L_2 = \alpha L_4 + b L_3 \\ L_3 = (\alpha + b) + b \\ L_4 = \alpha L_4 + b \\ L_4 = \alpha L_4 + b \\ L_5 = \alpha L_5 + b \\ L_6 = \alpha L_6 + b \\ L_7 = \alpha L_7 + b \\ L_7 = \alpha L$$

$$L_{1} = a(aa^{*} + b(a+b)^{*}) + ba^{*}$$

$$L_{2} = aa^{*} + b(a+b)^{*}$$

$$L_{3} = (a+b)^{*}$$

$$L_{4} = a^{*}$$

est parfaille peux per aller d'ailler

10 = al2 + bl1

$$71 = 6h_3 + 6h_2$$
 $12 = ah_1 + E$
 $13 = 9$

Concetene

$$\int_{a}^{b} L_{0} = aL_{2} + bL_{1}$$

$$L_{1} = bL_{2}$$

$$L_{2} = a(bL_{2}) + E$$

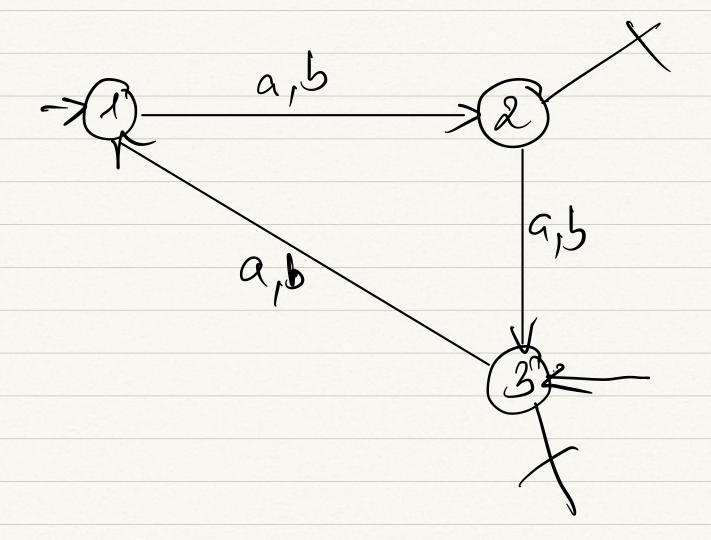
$$L_{3} = \emptyset$$

a (bL2)
a b a
a b b

$$\begin{aligned}
L_3 &= aL_2 + bL_1 \\
L_4 &= bL_2 \\
L_2 &= (ab)^4 \\
L_3 &= 0
\end{aligned}$$

$$\begin{array}{l}
L_0 = a(ab)^{2} + bb(ab)^{2} \\
L_1 = b(ab)^{2} \\
L_2 = (ab)^{2} \\
L_3 = 8
\end{array}$$

Az



$$L_{1} = (a + b) (a + b) L_{2} + (a + b)$$

$$L_{2} = (a + b) (a + b) (a + b) L_{3} + (a + b) L_{4} + (a + b) L_{4}$$

$$L_{3} = (a + b) (a + b) (a + b) L_{3} + (a + b) L_{4} + (a + b) L_{4}$$

$$L_{4} = (a + b) L_{2}$$

$$L_{4} = (a + b) L_{2}$$

$$L_{5} = (a + b) L_{5} + (a + b)^{2} + (a + b)^{2} + (a + b)^{2}$$

$$L_{5} = (a + b)^{3} L_{5} + (a + b)^{2} + (a + b)^{2}$$

$$L_{6} = (a + b)^{3} L_{5} + (a + b)^{2} + (a + b)^{2}$$

$$L_{6} = (a + b)^{3} L_{5} + (a + b)^{2} + (a + b)^{2}$$

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$$L_{6} = (a + b)^{3} L_{5} + (a + b)^{2} + (a + b)^{2}$$

$$L_{7} = (a + b)^{3} L_{7} + (a + b)^{2} + (a + b)^{2}$$

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