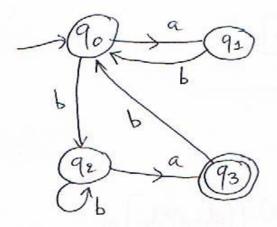
Fonstrure l'AEF qui recommit le language
$$L = \{(ab+b)^*ba\}$$
.

Le le $(ab+b)^*lk$, $ba+f((ab+b)^*)$. $(ba)lla=\frac{b}{b}$ $(ab+b)^*la$. $(ab+b)^*ba=\frac{b}{b}$ $(ab+b)^*ba=\frac{b}{b}$ $(ab+b)^*ba=\frac{b}{b}$ $(ab+b)^*ba=\frac{b}{b}$ $(ab+b)^*ba=\frac{b}{b}$ $(ab+b)^*ba=\frac{b}{b}$ $(ab+b)^*ba=\frac{b}{b}$ $(ab+b)^*ba+a=\frac{a}{b}$ $(ab+b)^*ba+a=\frac{a}{b}$ $(ab+b)^*ba=\frac{b}{b}$ $(ab+b)^*ba=\frac{b}{b}$ $(ab+b)^*ba=\frac{b}{b}$ $(ab+b)^*ba=\frac{b}{b}$ $(ab+b)^*ba=\frac{b}{b}$ $(ab+b)^*ba=\frac{b}{b}$ $(ab+b)^*ba=\frac{a}{b}$ $(ab+b)^*ba=\frac{b}{b}$ $(ab+b)^*ba=\frac{b}{b}$ $(ab+b)^*ba=\frac{a}{b}$ $(ab+b)^*ba=\frac{a}{b}$

•
$$92 \| a = ((ab+b)^*ba + a) \| a = ((ab+b)^*ba) \| a + a \| a = (ab+b)^* \| a \cdot b + f((ab+b)^*) \cdot (ba) \| a + f((ab+b)^*) \cdot ba + f$$

D'où, l'AEF résultant est le souvant à



Construre l'AEF qui reconnit le langage L = {(ab+a)*ba}.

*LIIa =
$$(ab+a)*IIa\cdot ba+f((ab+a)*)\cdot (ba)IIa = \frac{\varepsilon}{b}$$

$$(ab||a+a||a)\cdot (ab+a)*\cdot ba = \frac{(b+\varepsilon)\cdot (ab+a)*\cdot ba}{b}$$

*
$$92 \text{ lla} = \left[(b+\epsilon) \cdot (ab+a)^* \cdot ba \right]_{\text{lla}} = (b+\epsilon)_{\text{lla}} \cdot (ab+a)^* \cdot ba + \left[(b+\epsilon) \cdot \left[(ab+a)^* \cdot ba \right]_{\text{lla}} \right] = \left[(ab+a)^* \cdot ba \right]_{\text{lla}} = \left[(ab+a)^* \cdot ba \right]_{$$

Solution de l'exercice nº 07 (Série des exos supp).

$$\begin{cases} X_0 = aX_1 \\ X_2 = bX_1 + aX_2 \end{cases} \begin{cases} X_2 = a^* \cdot (bX_2 + \epsilon) = a^*bX_2 + a^* \end{cases}$$

$$X_1 = bX_1 + aX_2 \Rightarrow \begin{cases} X_2 = bX_1 + aX_2 = bX_2 + a^*bX_2 + a^* \end{cases}$$

$$X_2 = bX_1 + aX_2 \Rightarrow \begin{cases} X_2 = bX_2 + a^*bX_2 + a^* \end{cases}$$

$$X_3 = bX_1 + aX_2 \Rightarrow \begin{cases} X_2 = bX_2 + a^*bX_2 + a^* \end{cases}$$

$$X_4 = aX_2 + bX_3 + aX_4 \Rightarrow \begin{cases} X_2 = bX_2 + a^*bX_3 + a^* \end{cases}$$

$$X_4 = aX_4 + aX_4 \Rightarrow \begin{cases} X_4 = a^* \cdot (bX_2 + \epsilon) = a^*bX_2 + a^* \end{cases}$$

$$X_4 = aX_4 + aX_4 \Rightarrow \begin{cases} X_4 = a^* \cdot (bX_4 + \epsilon) = a^*bX_4 + a^* \end{cases}$$

$$X_4 = aX_4 + aX_4 \Rightarrow \begin{cases} X_4 = a^* \cdot (bX_4 + \epsilon) = a^*bX_4 + a^* \end{cases}$$

$$X_4 = aX_4 + bX_4 + aX_4 \Rightarrow \begin{cases} X_4 = a^* \cdot (bX_4 + \epsilon) = a^*bX_4 + a^* \end{cases}$$

$$X_4 = aX_4 + aX_4 \Rightarrow \begin{cases} X_4 = a^* \cdot (bX_4 + \epsilon) = a^*bX_4 + a^* \end{cases}$$

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$$X_4 = aX_4 + aX_4 \Rightarrow \begin{cases} X_4 = aX_4 + aX_4 = bX_4 + a^* \end{cases}$$

$$X_4 = aX_4 + aX_4 \Rightarrow \begin{cases} X_4 = aX_4 + aX_4 = bX_4 + aX_4 = bX_$$

Exercice n= 080

$$\begin{cases} X_0 = b X_0 + a X_2 + \xi \\ X_2 = a X_2 + b X_2 + \xi \end{cases} \Rightarrow \begin{cases} X_0 = b^* (a X_2 + \xi) = b^* a X_2 + b^* \\ X_1 = a^* (b X_2 + \xi) = a^* b X_2 + a^* \end{cases}$$

$$X_2 = a^* (b X_2 + \xi) = a^* b X_2 + a^*$$

$$X_3 = a^* b b X_3 + a^* b b X_4 + a^*$$

$$X_4 = a^* b b b x_3 + a^* b b x_4 + a^* b b x_3 + a^* b b x_4 + a^* b b x_4 + a^* b b x_4 + a^* b b x_5 + a^* b b x_6 + a^* b x_6 + a^* b b x_6 + a^*$$

$$X_0 = b^*aa^*bbX_0 + b^*aa^* + b^* = (b^*a^*b^2)X_0 + b^*a^* + b^*$$

$$\Rightarrow X_0 = (b^*a^*b^2)^* [b^* + b^*a^*] = Langage reconnulation$$