TD3. Modélisation CSS

Exercice 1. a. $P \triangleq a.b.0 \xrightarrow{a} b.0 \xrightarrow{b} 0$

b. $P \triangleq a.0 + b.0$ $\xrightarrow{a}$ $b.0 \xrightarrow{b} 0$; $\xrightarrow{b}$ $a.0 \xrightarrow{a}$

c. $P \triangleq a.0 \| b.0 \xrightarrow{a} 0 \| b.0 \xrightarrow{b} 0$; $\xrightarrow{b} a.0 \| 0 \xrightarrow{a} 0$

⚠ 关于"+"和"||"的区别

对于"+":(不保留多个分支)

$a.A + b.B \xrightarrow{a} A$; $\xrightarrow{b} B$

对于"||":(保留多个分支)

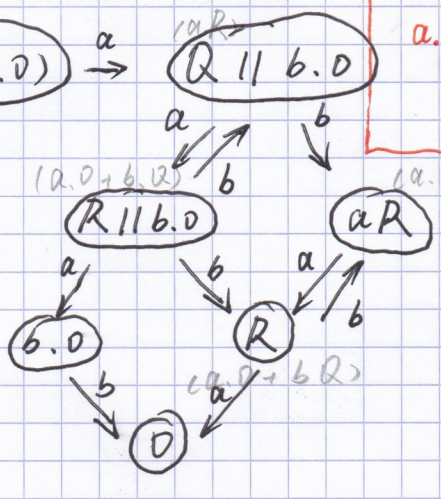
$a.A \| b.B \xrightarrow{a} A \| b.B \xrightarrow{b} A \| B$; $\xrightarrow{b} a.A \| B \xrightarrow{a} A \| B$

d. $P \triangleq a.(Q \| b.0) \xrightarrow{a} Q \| b.0$

$P \triangleq a.(Q \| b.0)$

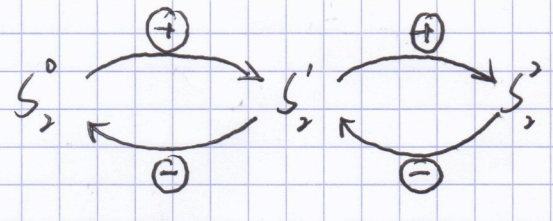
$Q \triangleq a.R$

$R \triangleq a.0 + b.Q$

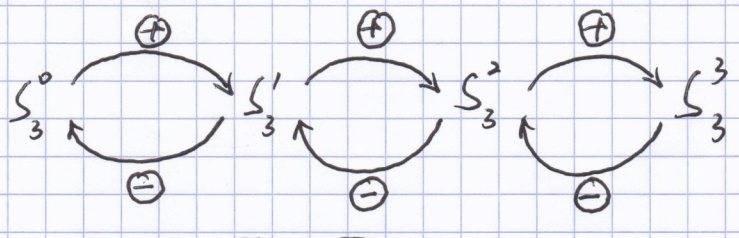


Exercice 2.

modéliser C_2 :



modéliser C_3 :



$C_2 \triangleq S_2^0$:

$$S_2^0 \triangleq \oplus . S_2^1$$
$$S_2^1 \triangleq \oplus . S_2^2 + \ominus . S_2^0$$
$$S_2^2 \triangleq \ominus . S_2^1$$

$C_3 \triangleq S_3^0$:

$$S_3^0 \triangleq \oplus . S_3^1$$
$$S_3^1 \triangleq \oplus . S_3^2 + \ominus . S_3^0$$
$$S_3^2 \triangleq \oplus . S_3^3 + \ominus . S_3^1$$
$$S_3^3 \triangleq \ominus . S_3^2$$