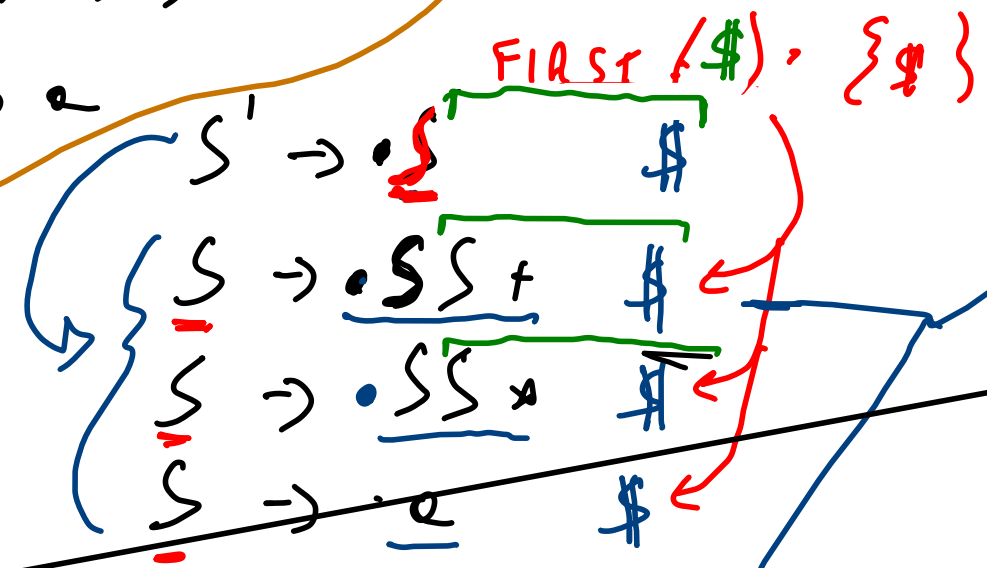


- (0)  $S' \rightarrow S$
- (1)  $S \rightarrow S S +$
- (2)  $S \rightarrow S S *$
- (3)  $S \rightarrow e$

$\angle R(1) ?$

RISCRITTURA  
ABBREVIATA



$S' \rightarrow \cdot S$	$\$$
$S \rightarrow \cdot S S +$	$\$/e$
$S \rightarrow \cdot S S *$	$\$/e$
$S \rightarrow \cdot e$	$\$/e$

$S \rightarrow \cdot S S +$      $a$   
 $S \rightarrow \cdot S S *$      $a$   
 $S \rightarrow \cdot e$      $a$

$S \rightarrow \cdot S S +$      $e$   
 $S \rightarrow \cdot S S *$      $e$   
 $S \rightarrow \cdot e$      $e$

②

$$\begin{aligned}
 S' &\rightarrow \cdot S \quad \$ \\
 S &\rightarrow \cdot SS + \quad \$ / e \\
 S &\rightarrow \cdot SS * \quad \$ / e \\
 S &\rightarrow \cdot e \quad \$ / e
 \end{aligned}$$

①

$$\begin{aligned}
 S' &\rightarrow S \cdot \quad \$ \\
 S &\rightarrow S \cdot S + \quad \$ / e \\
 S &\rightarrow S \cdot S * \quad \$ / e \\
 S &\rightarrow \cdot SS + \quad + / * / e \\
 S &\rightarrow \cdot SS * \quad + / * / e \\
 S &\rightarrow \cdot e \quad + * / e
 \end{aligned}$$

==

~~S~~

$$\begin{aligned}
 S' &\rightarrow S \cdot \quad \$ \text{ FIRST } (+ \$ / e) : + \\
 S &\rightarrow S \cdot S + \quad \$ / e \\
 S &\rightarrow S \cdot S * \quad \$ / e \quad \text{FIRST } (* \$ / e) = *
 \end{aligned}$$

1

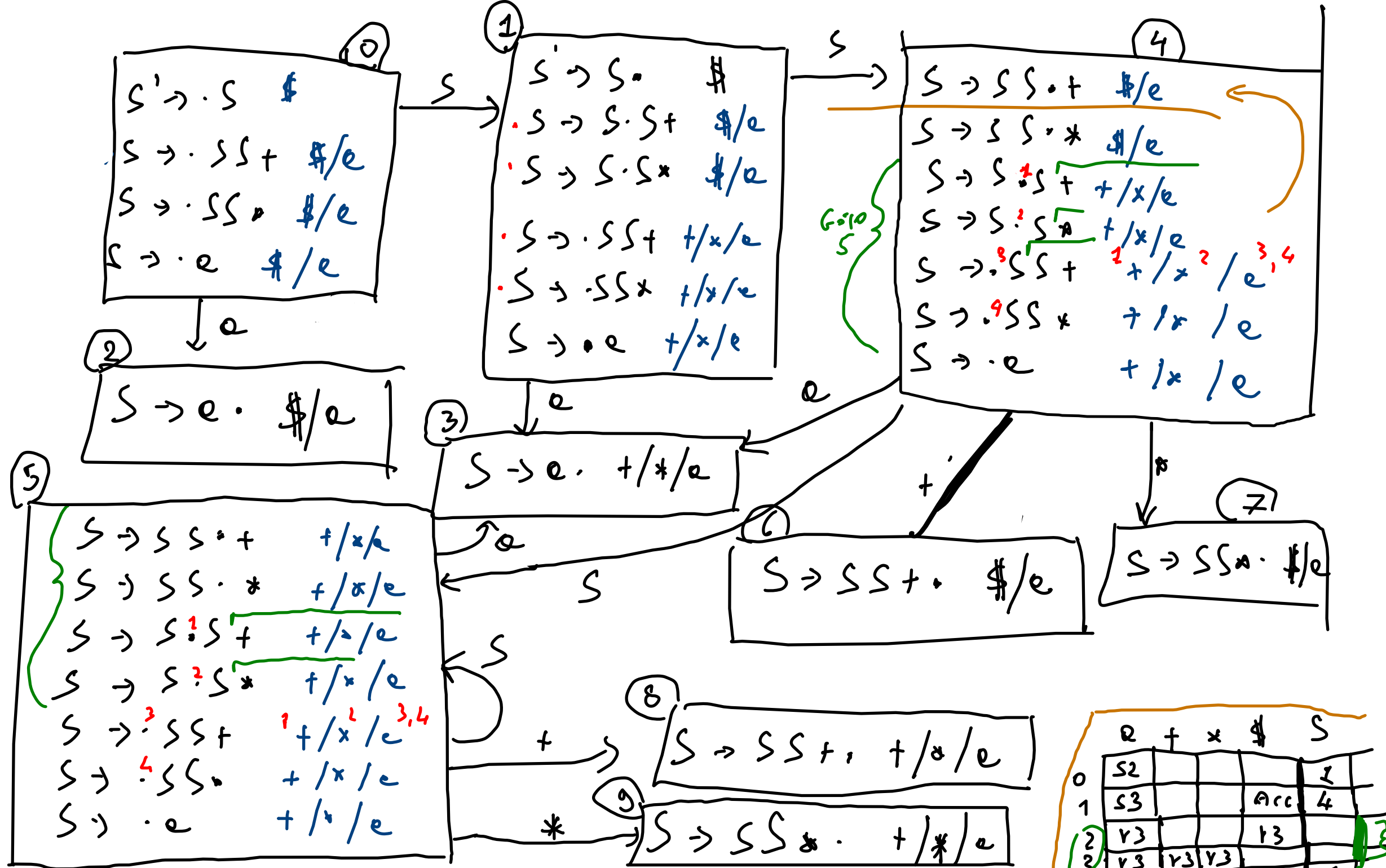
$$\begin{aligned}
 S &\rightarrow \cdot S S + \quad + \\
 S &\rightarrow \cdot S S * \quad + \\
 S &\rightarrow \cdot e \quad +
 \end{aligned}$$

2

$$\begin{aligned}
 S &\rightarrow \cdot S S + \quad * \\
 S &\rightarrow \cdot S S * \quad * \\
 S &\rightarrow \cdot e \quad *
 \end{aligned}$$

3, 4, 5, 6

$$\begin{aligned}
 S &\rightarrow \cdot S S + \quad e \\
 S &\rightarrow \cdot S S * \quad e \\
 S &\rightarrow \cdot e \quad e
 \end{aligned}$$



$E' \leq R(1)$  ed LALR(1). Per sapere se è SLR(1) vanno calcolati i follow degli item completi e controllare se ci sono conflitti (in questo caso basta studiare lo stato 1) ed è facile vedere che qui non ci sono conflitti

		e	+	*	\$	S
0	S2					1
1	S3				acc	4
2	r3				r3	
3	r3	r3	r3			5
4	S3	S6	S7			5
5	S3	S6	S7			5
6	r1				r1	
7	r2				r2	
8	r1	r1	r1			
9	r2	r2	r2			