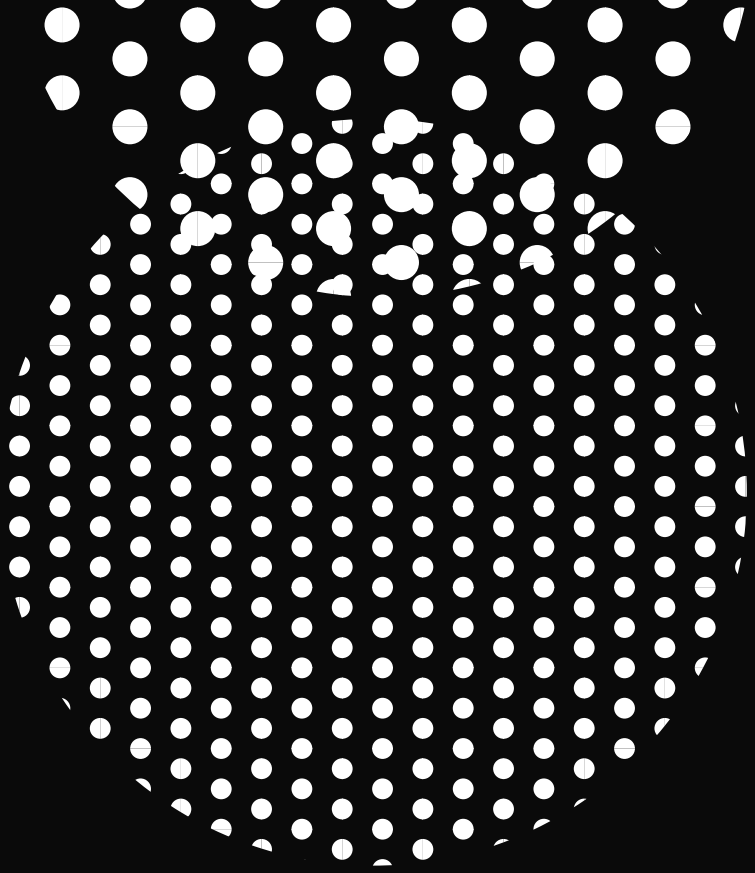
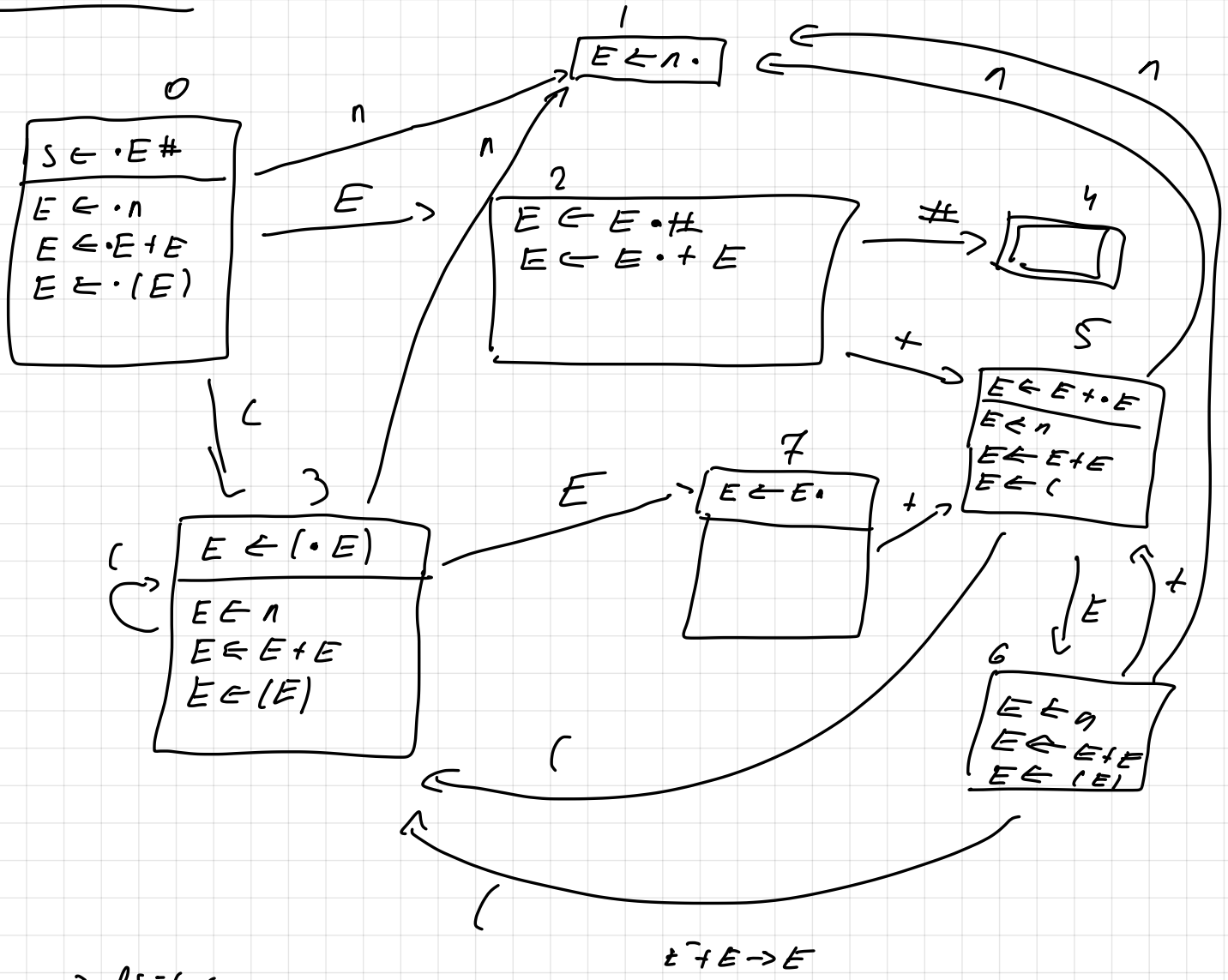


Exercice 2



2) À l'état 6 on peut réduire et on peut lire +

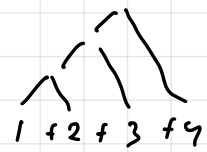
Ambiguité :

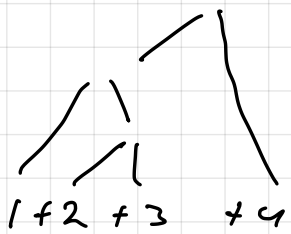
$$\underbrace{(E+E)}_{E} + E$$

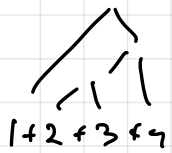
$$E + \underbrace{(E+E)}_{E}$$

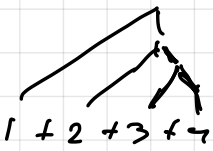
3)

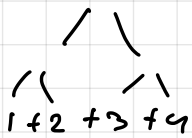
pile	pile d'états	reste
	q_0	1 + 2 + 3 + 4
1	$q_0 q_1$	+ 2 + 3 + 4
E	q_0	+ 2 + 3 + 4
E	$q_0 q_2$	+ 2 + 3 + 4
E +	$q_0 q_2 q_5$	2 + 3 + 4
E + 2	$q_0 q_2 q_5 q_1$	+ 3 + 4
E + E	$q_0 q_2 q_5 q_6$	
E	$q_0 q_2$	+ 3 + 4
E +	$q_0 q_2 q_5$	3 + 4
E + 3	$q_0 q_2 q_5 q_1$	+ 4
E + E	$q_0 q_2 q_5 q_6$	+ 4
E	$q_0 q_2$	+ 4
E +	$q_0 q_2 q_5$	4
E + 4	$q_0 q_2 q_5 q_1$	σ
E + E	$q_0 q_2 q_5 q_6$	$\emptyset$
E	$q_0 q_2$	σ











Exercice 3

S ::= E#

E ::= (L)

| sym

L ::= EL

| ε

2)