Semana 11

"mexendo na gramática"

Prog -> Completo
| Incompleto

Completo -> if cond then Completo else Incompleto

Completo -> outro

Incompleto -> if cond then Prog
| if cond then Completo else Incompleto

0

Z -> .Prog $

Prog -> .Completo

Prog -> .Incompleto

Completo -> .if.end.then.Completo else Completo

Completo -> .outro

Incompleto -> .if.cond.then.Prog

Incompleto -> .if.cond.then.completo else Incompleto

if /cond /then

Completo -> if cond then.Completo else Completo

Incompleto -> if cond then.Prog

Incompleto -> if cond then.Completo else Incompleto

Prog -> .Completo

Prog -> .Incompleto

Completo -> .if cond then completo else Completo

Completo -> .other

completo

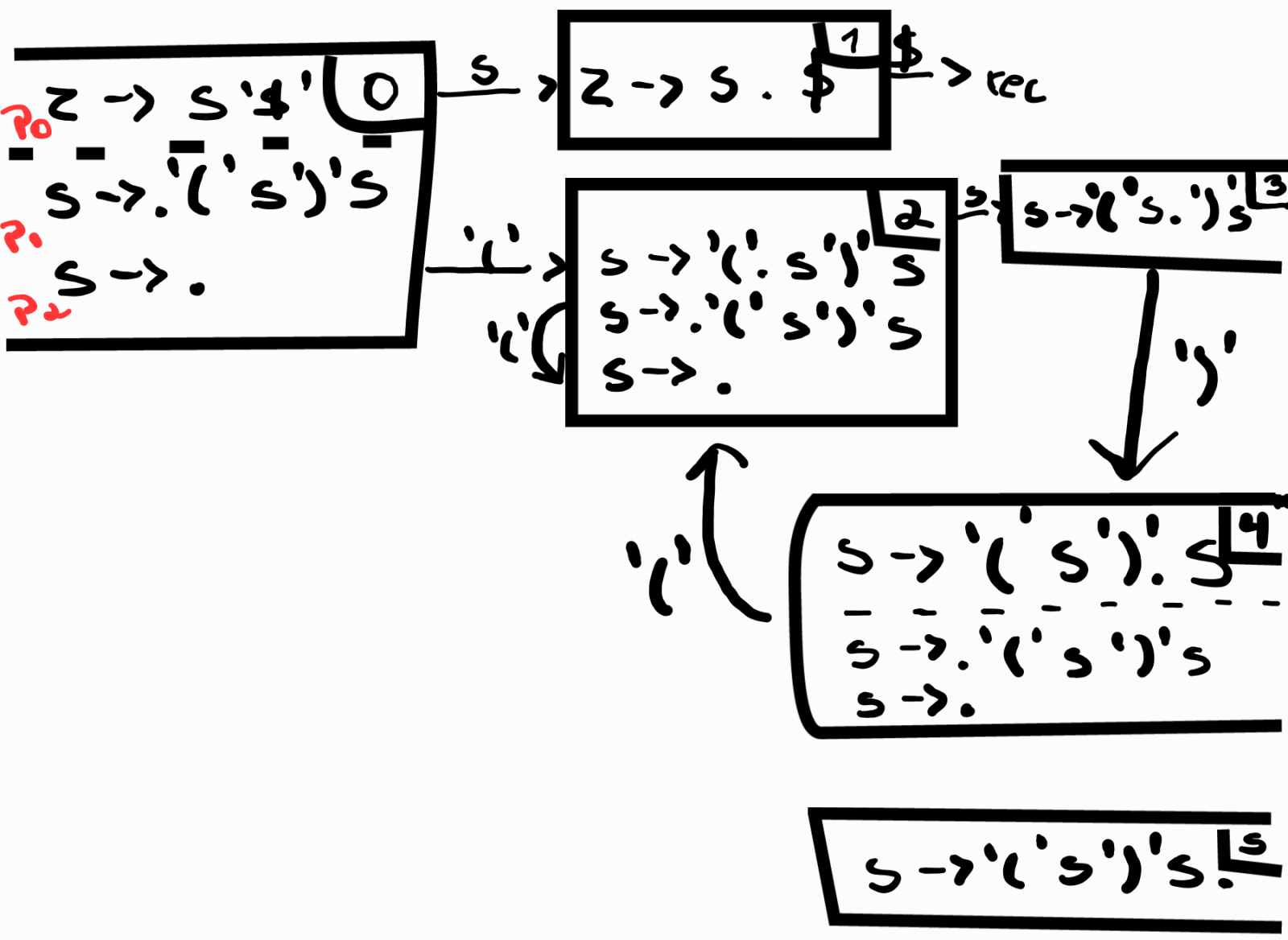
Completo -> if cond then Completo.else completo

Prog -> Completo.

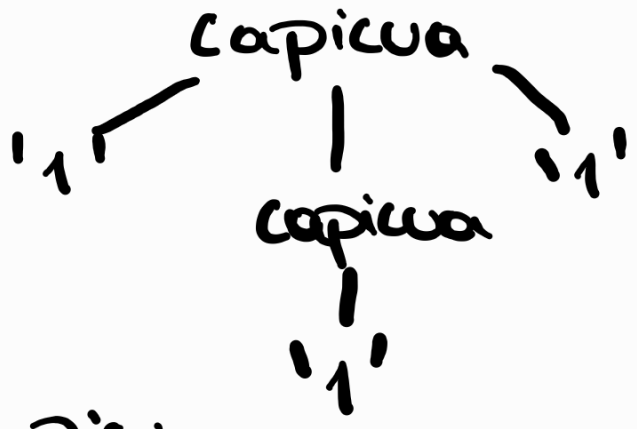
Follow(Prog) = Follow(Incompleto)
$\vee \{\$\} = \{'\$'\}$

(( ))( )
(( ))
( )

$S \to '(' S ') S$ $\quad la = \{'('\}$
$\quad | \varepsilon$ $\quad la = \{')'\}$



capiwa -> '1' capiwa '1'
P_2 | '0' capiwa '0'
P_3 | '0'
P_4 | '1'
P_5 | ε



0

Z -> capiwa '$'
capiwa ->.'1' capiwa '1'
capiwa ->.'0' capiwa '0'
capiwa ->.'1'
capiwa ->.'0'
capiwa ->.

capiwa → **1** . . . . . .

3

capiwa -> '1'.capiwa'1
capiwa -> '1'.
capiwa ->.'1' capiwa '1'
capiwa ->.'0' capiwa'0'
capiwa ->.'1'
capiwa ->.'0'
capiwa ->.

	1	0	$	Z capiwa
0	s_3/r_3	s_3/r_5	r_5	t_1
1				
2	$s_4/s_4/r_5$	$s_5/s_4/r_5$	r_4/r_5	t_x

Z -> S '$'

P_0 _ _ _ _ _

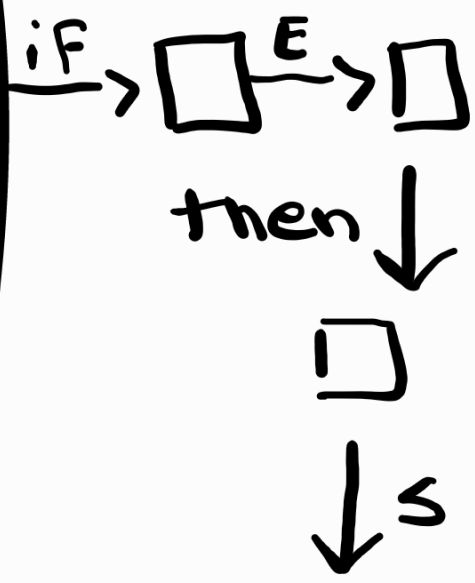
S ->. if E then S

P_1 S ->. if E then S else S

P_2 S ->. other

P_3

0



E -> other

Follow(S) = {else, $}

S -> if E then S. r1

S -> if E then S. else S

	'('	')'	'$'	Z	S
0	t_3/r_3	r_3	r_3		t_1
1			rec		
2	t_3/r_3	r_2	r_2		t_3
3		t_4			
4	t_3/r_3	r_2	r_2		t_5
5	r_1	r_1	r_1		

t -> transita

Automato LR(0)

apresentar a tabela ou o automato anterior