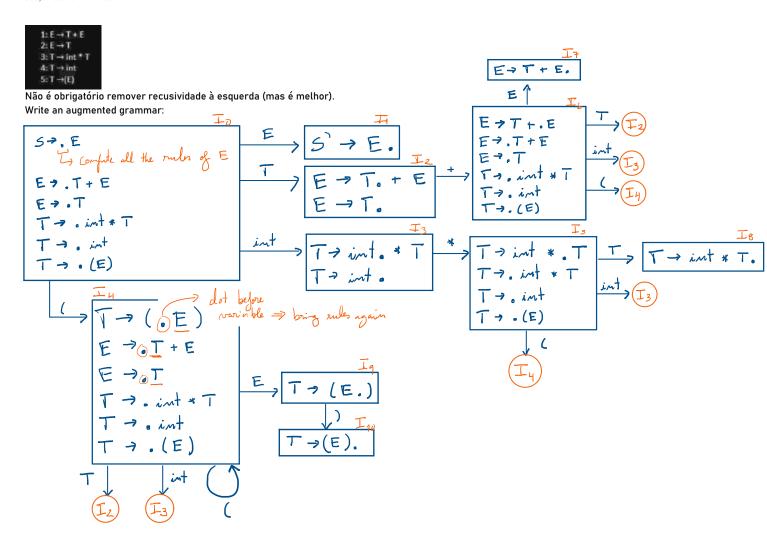
LR(0) & SLR(1) Automaton & Parsing Table

3 de junho de 2024 11:05



SLR	(1) Tabl	е							
-	int	()	+	*	\$	E	Т	}+{UF0110W(E)
0	S3	S4					1	2	*
1						AC			(Follow (T) = 1+1), \$ }
2			R2	S6		R2		+	$(F_{o} _{o}W(T) = 1 + 1), $
3			R4	R4	S5	R4	+	+	4: T → int
4	S3	S4					9	2	E → T. = Reducing to 2 = Reducing to 2 > FOLLOW(T) foins "int" i terminal
5	S3	S4						8	= Reducing to 2 => (+10(\$,)
6	S3	S4					7	2	
7			R1			R1			- 7 BUDW (1) LANS LMI
8			R3	R3		R3			i terminal
9			S10						
10			R5	R5		R5			

S -> Shift

R -> Reduce -- used in accepting states \Rightarrow shift cannot be used \Rightarrow use the follow ex.: Follow(E) = { \$,) }

AC: (accept) -- stops the parsing

LR(0) Table -- the reduce is in all the terminal symbols (lame)

LIV(U)	Table	1116	reduce	c is iii at	t tile tel	IIIIIIat	Syllib	ota (taili
-	int	()	+	*	\$	E	Т
0	S3	S4					1	2
1						AC		
2	R2	R2	R2	(R2/S6	R2	R2	+	
3	R4	R4	R4	R4	R4/S5	R4		
4	S3	S4					9	2
5	S3	S4						8
6	S3	S4					7	2
7	R1	R1	R1	R1	R1	R1		

8	R3	R3	R3	R3	R3	R3	
9			S10				
10	R5	R5	R5	R5	R5	R5	