## SEMIHAR 11

LR(0)

1

Fie gramatica:

S-> AA A-> aA A->b

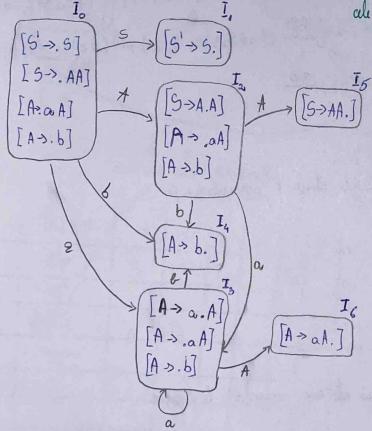
a) Verificati dacă este LR (0)

b) Verificati dacă secrența abab apartine limbajului general de gramatică

 $3^{4} \Rightarrow 5$  (o)  $5 \Rightarrow AA$  (a)  $A \Rightarrow aA$  (2)  $A \Rightarrow b$  (3)

de care respecté crosure.

(oka pun prod. lui 5 apoi daçà am . meterminal pun în continuare ...)



_		ACTIONE	GOTO/ DEPLASARE / SHIFT						
1	T.	shift deplacare	5	A	a	6			
1	I,		$T_{\lambda}$	I_2	T <sub>3</sub>	I4			
-		accept							
-	In	shift		T_5	Ī <sub>3</sub>	14			
	T <sub>3</sub>	shift		Ī6	$\bar{I}_3$	T4			
-	I4	3 (reducere)							
	I5	1 (reducera)							
	$I_6$	2 (reducira)							

Nu avem conflict => gr. este de tip LA(0)
Nu exista conflict shift shift.

verificare neventa abab

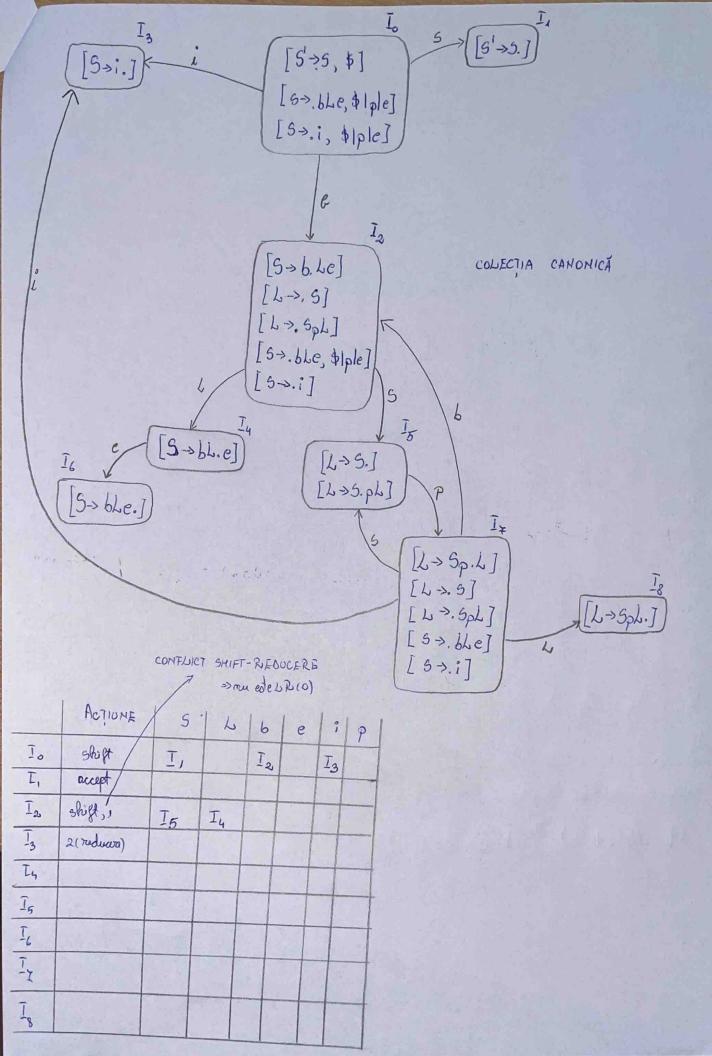
(\$0, abab \$, E) | shift (\$003, bab \$, E) | shift (\$00364, ab\$, E) | \frac{\pi\_3}{(\$00346, ab\$, 3)} | \frac{\pi\_2}{(\$0A2, ab\$, 23) | shift (\$0A203, b\$, 23) | shift (\$0A2036, \$,23) | \frac{\pi\_3}{(\$0A2036, \$,23)} | \frac{\pi\_2}{(\$0A2A5, \$,2323) | \frac{\pi\_1}{\pi\_1}} (\$051, \$, 12323) | \frac{\pi\_2}{\pi\_2}

=> abab e L (6) qi pirul prod. 1,2,3,2,3

6 redenumim: begin=b, end=e, SL=L, stmt=i, remicolon=p
Fre gramatica:

5→ble 51→5 10
5→i → 5→ble (1)
L→5
L→5
L→5
L→5
L→5
L→5
L→5
L→5
L→5

Voisficati dacă este LR10). Verificati dacă este acc. secvența bipie



5' → 5	(0)		FIRST 1	FOLLOW 1
5-ble	(1)	5'	6,9	\$
9-51	(2)	9	b, i	\$, Re
435	(3)	2	b, i	e
L →5pL	(4)			

5-a completat desenul ou FOLLOW pt. predicti

		1	1					1			
		5		4		b	e		01	P	\$
Ī.		104				102			13		
I,					A STATE OF THE PERSON NAMED IN						acc.
I <sub>2</sub>		105	The second second	134	State of State of Street, or other Stree	102		NO CONTRACTOR OF THE PERSON	13		
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I <sub>4</sub>							136	Antheway Discourage	- AN		
<u>T</u> 5	-				Contraction		773	The same of the same of		DI	
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I <sub>4</sub>		<b>ک</b> ر ا	1	58	):	52		-	13		
T <sub>8</sub>							My				
A STATE OF THE PARTY OF THE PAR											

verificare recoenta bipie

(\$ [0, bipie\$, €) 1 (\$0\$2, ipie\$, €) - CONTINUĂ