

- $$A' \rightarrow A$$
- 1) $A \rightarrow (A)$
 - 2) $A \rightarrow a$

SLR

$$C = \{I_0 = \text{closure}(\{A' \rightarrow \cdot A\}) = \{A' \rightarrow \cdot A, A \rightarrow \cdot (A), A \rightarrow \cdot a\} = I_0$$

$$\text{goto}(I_0, A) = \{A' \rightarrow A \cdot\} = I_1$$

$$\text{goto}(I_0, () = \{A \rightarrow \cdot (A), A \rightarrow \cdot (A), A \rightarrow \cdot a\} = I_2$$

$$\text{goto}(I_0, a) = \{A \rightarrow a \cdot\} = I_3$$

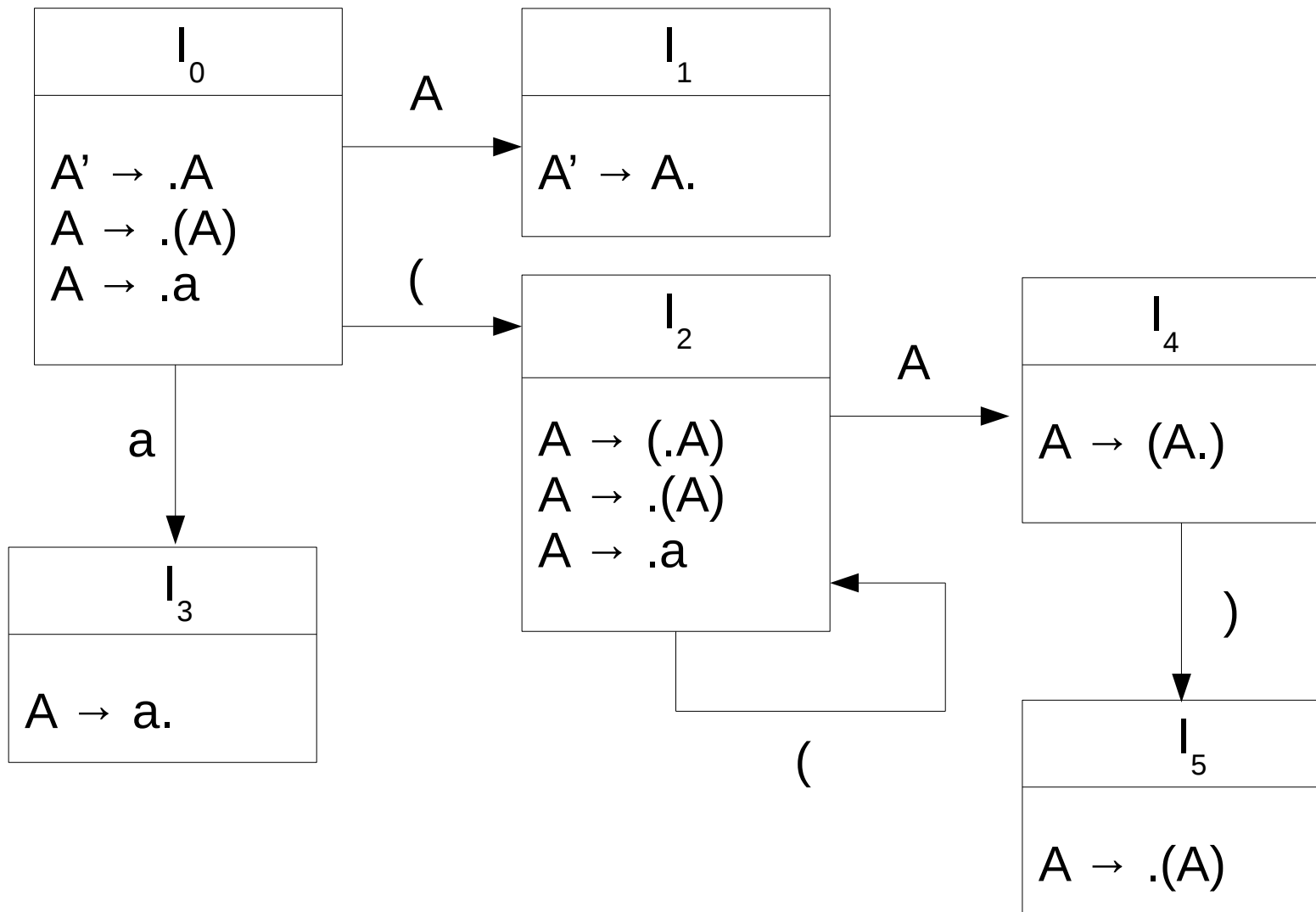
$$\text{goto}(I_2, A) = \{A \rightarrow (A \cdot)\} = I_4$$

$$\text{goto}(I_2, () = \{A \rightarrow \cdot (A), A \rightarrow \cdot (A), A \rightarrow \cdot a\} = I_2$$

$$\text{goto}(I_2, a) = \{A \rightarrow (A \cdot)\} = I_4$$

$$\text{goto}(I_4,)) = \{A \rightarrow (A) \cdot\} = I_5$$

Ação					Transição
	(a)	\$	A
0	e2	e3			1
1				AC	
2	e2	e3			4
3			r2	r2	
4			e5		
5			r1	r1	



- $E' \rightarrow E$
 1) $E \rightarrow E + n$
 2) $E \rightarrow n$

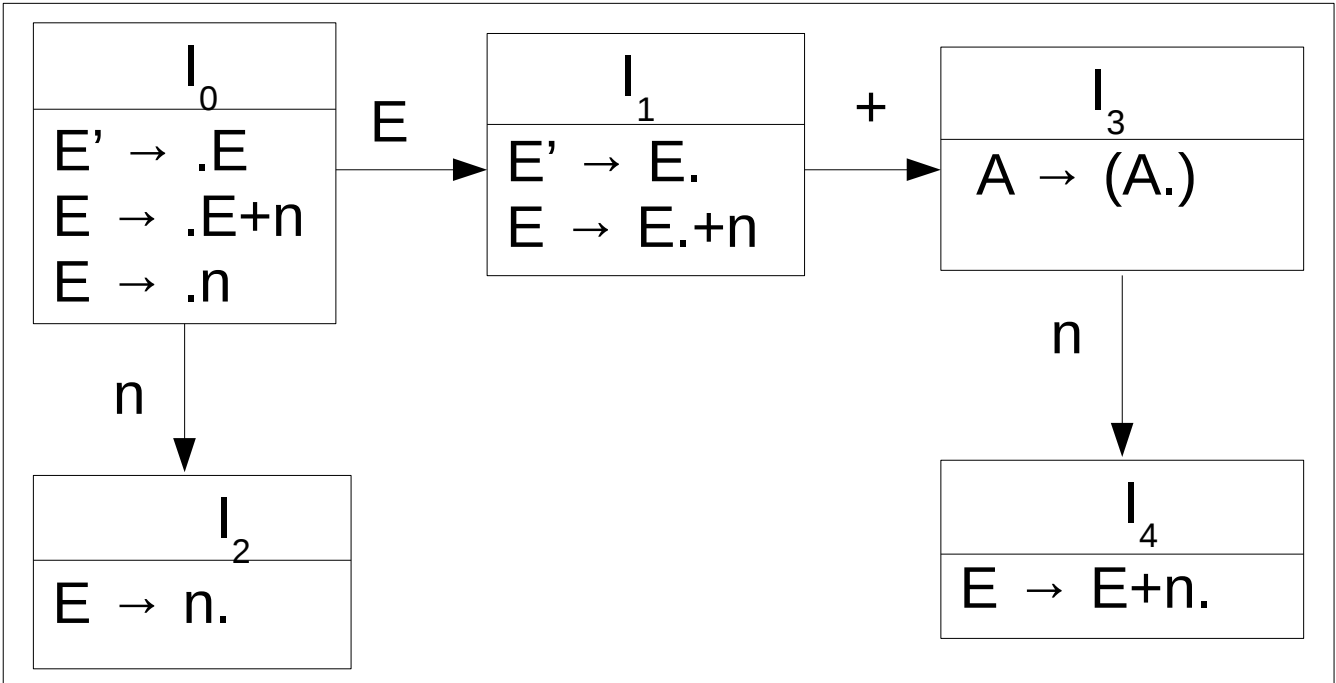
$$C = \{I_0 = \text{closure}(\{E' \rightarrow .E\}) = \{ E' \rightarrow .E, E \rightarrow .E+n, E \rightarrow .n \} = I_0$$

$$\text{goto}(I_0, E) = \{ E' \rightarrow E., E \rightarrow E.+n \} = I_1$$

$$\text{goto}(I_0, n) = \{ E \rightarrow n. \} = I_2$$

$$\text{goto}(I_1, +) = \{ E \rightarrow E+.n \} = I_3$$

$$\text{goto}(I_3, n) = \{ E \rightarrow E+n. \} = I_4$$



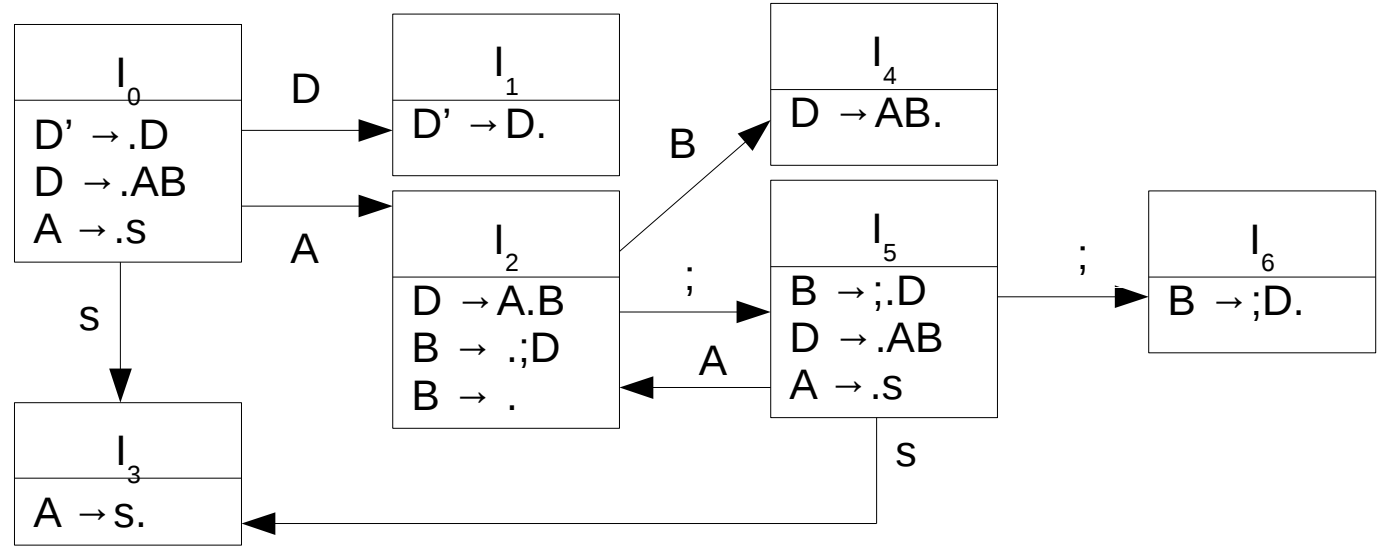
AÇÃO				TRANSIÇÃO
	+	n	\$	E
0		e2		1
1	e3		AC	
2	r2		r2	
3		e4		
4	r1		r1	

- $D' \rightarrow D$
 1) $D \rightarrow AB$
 2) $B \rightarrow ;D$
 3) $B \rightarrow \varepsilon$
 4) $A \rightarrow s$

$C = \{I_0 = \text{closure}(\{D' \rightarrow .D\})\} =$
 $\{ D' \rightarrow .D,$
 $E \rightarrow .AB,$
 $A \rightarrow .s\} = I_0$

 $\text{goto}(I_0, D) = \{D' \rightarrow D.\} = I_1$
 $\text{goto}(I_0, A) = \{D \rightarrow A.B,$
 $B \rightarrow .;D,$
 $B \rightarrow .\} = I_2$
 $\text{goto}(I_0, s) = \{A \rightarrow .s\} = I_3$

 $\text{goto}(I_2, B) = \{D \rightarrow AB.\} = I_4$
 $\text{goto}(I_2, ;) = \{B \rightarrow ;.D,$
 $D \rightarrow .AB,$
 $A \rightarrow .s\} = I_5$
 $\text{goto}(I_5, D) = \{B \rightarrow ;D.\} = I_6$
 $\text{goto}(I_5, A) = I_2$
 $\text{goto}(I_5, s) = I_3$



AÇÃO				TRANSIÇÃO		
	s	;	\$	A	B	D
0	e3			2		1
1			AC			
2		e5	r3		4	
3		r4	r4			
4			r1			
5	e3			2		6
6			r2			

- $A' \rightarrow A$
1) $A \rightarrow (A)$
2) $A \rightarrow a$

$$C = \{I_0 = \text{closure}(\{[A' \rightarrow .A, \$]\}) =$$

$$\{[A' \rightarrow .A, \$],$$

$$[A \rightarrow .(A), \$],$$

$$[A \rightarrow .a, \$]\} = I_0$$

$$\text{goto}(I_0, A) = \{[A' \rightarrow A., \$]\} = I_1$$

$$\text{goto}(I_0, () = \{[A \rightarrow .(A), \$],$$

$$[A \rightarrow .(A),)],$$

$$[A \rightarrow .a,)]\} = I_2$$

$$\text{goto}(I_0, a) = \{[A \rightarrow a., \$]\} = I_3$$

$$\text{goto}(I_2, A) = \{[A \rightarrow (A.), \$]\} = I_4$$

$$\text{goto}(I_2, () = \{[A \rightarrow .(A),)],$$

$$[A \rightarrow .(A),)],$$

$$[A \rightarrow .a,)]\} = I_5$$

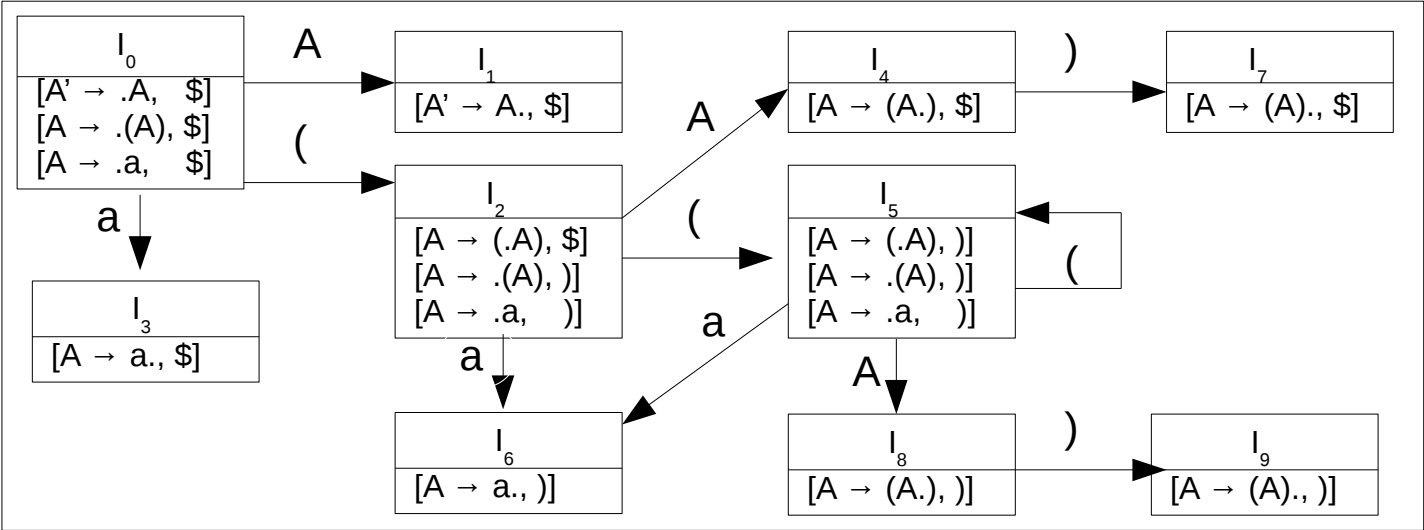
$$\text{goto}(I_4,)) = \{[A \rightarrow (A)., \$]\} = I_7$$

$$\text{goto}(I_5, A) = \{[A \rightarrow (A.),)]\} = I_8$$

$$\text{goto}(I_5, () = I_5$$

$$\text{goto}(I_5, a) = I_6$$

$$\text{goto}(I_8, A) = \{[A \rightarrow (A).,)]\} = I_9$$



AÇÃO					TRANSIÇÃO
	(a)	\$	A
0	e2	e3			1
1				AC	
2	e5	e6			4
3				r2	
4			e7		
5	e5	e6			8
6			r2		
7				r1	
8			e9		
9			r1		

LR 1

- E' → E

1) E → E+n

2) E → n

C = {I₀ = closure({[E' → .E, \$]})=

{[E' → .E, \$],

[E → .E+n, \$],

[E → .n, \$]

[E → .E+n, +],

[E → .n, +]} = I₀

goto(I₀, E) = {[E' → E., \$],

[E → E.+n, \$],

[E → E.+n, +]} = I₁

goto(I₀, n) = {[E → n., \$],

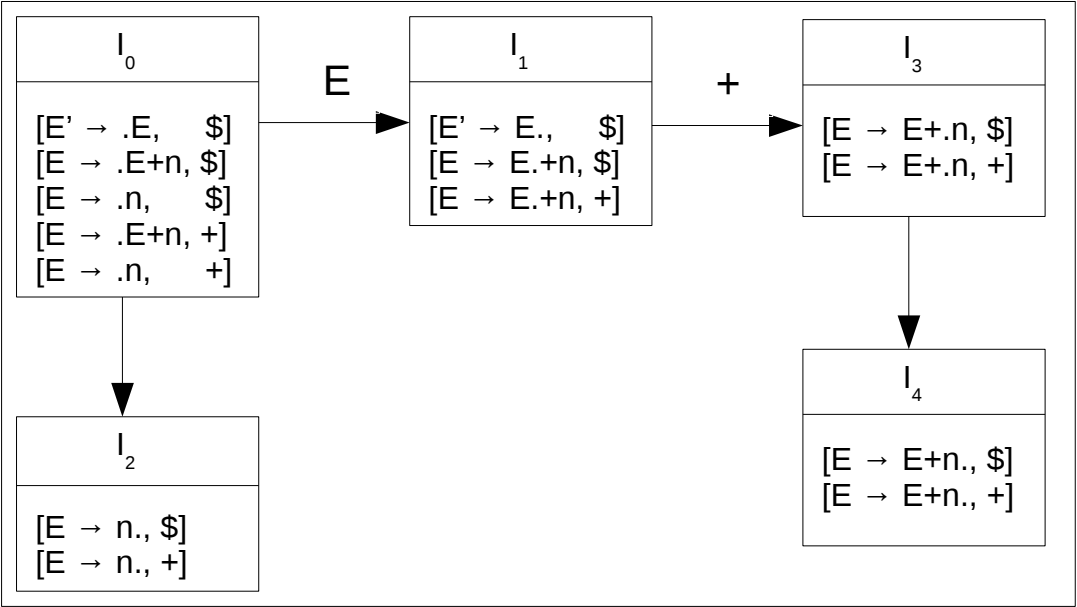
[E → n., +]} = I₂

goto(I₁, +) = {[E → E+.n, \$],

[E → E+.n, +]} = I₃

goto(I₃, n) = {[E → E+n., \$],

[E → E+n., +]} = I₄



LR 1

AÇÃO				TRANSIÇÃO
	+	n	\$	E
0	e2	e3		1
1			AC	
2	e5	e6		4
3			r2	
4				