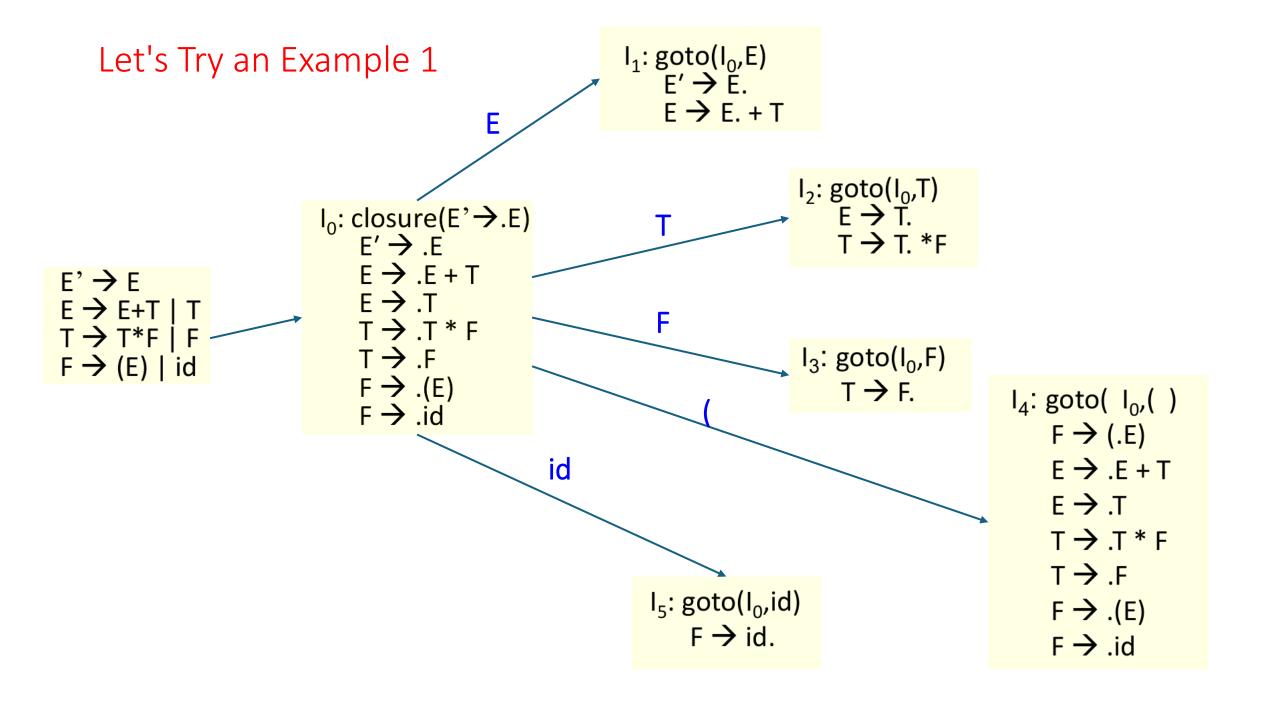
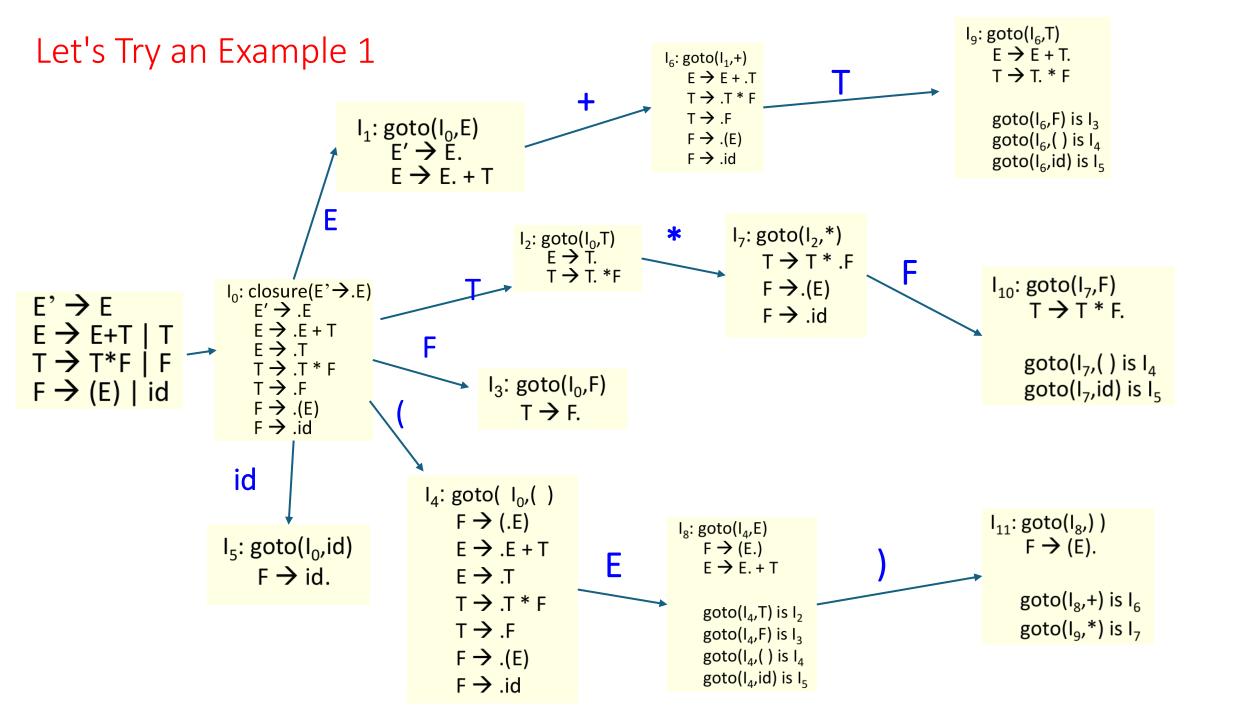
#### Given grammar

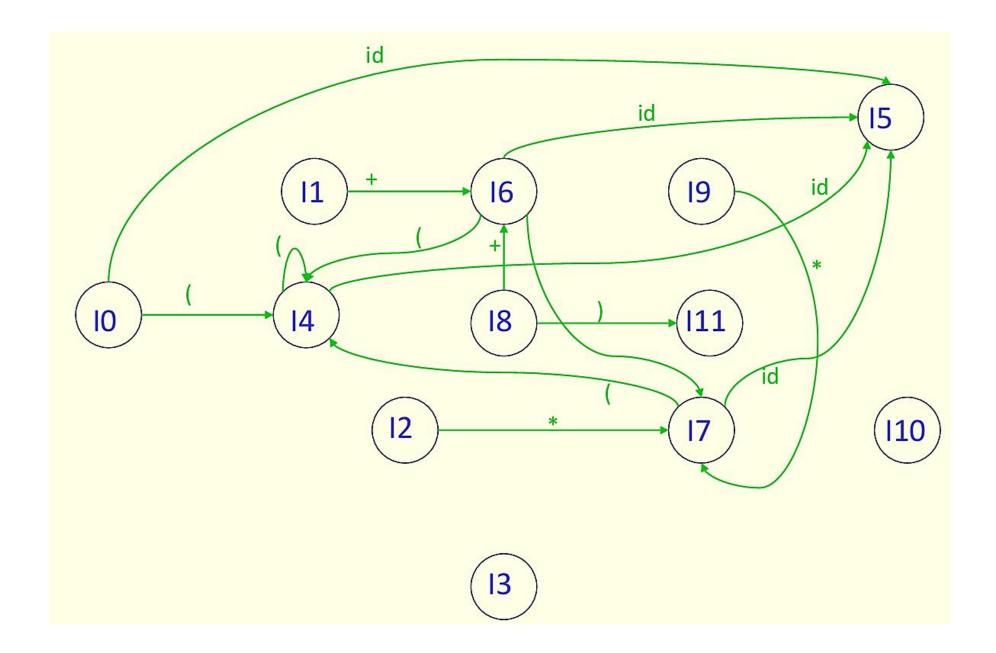
$$E' \rightarrow E$$
 $E \rightarrow E+T \mid T$ 
 $T \rightarrow T*F \mid F$ 
 $F \rightarrow (E) \mid id$ 

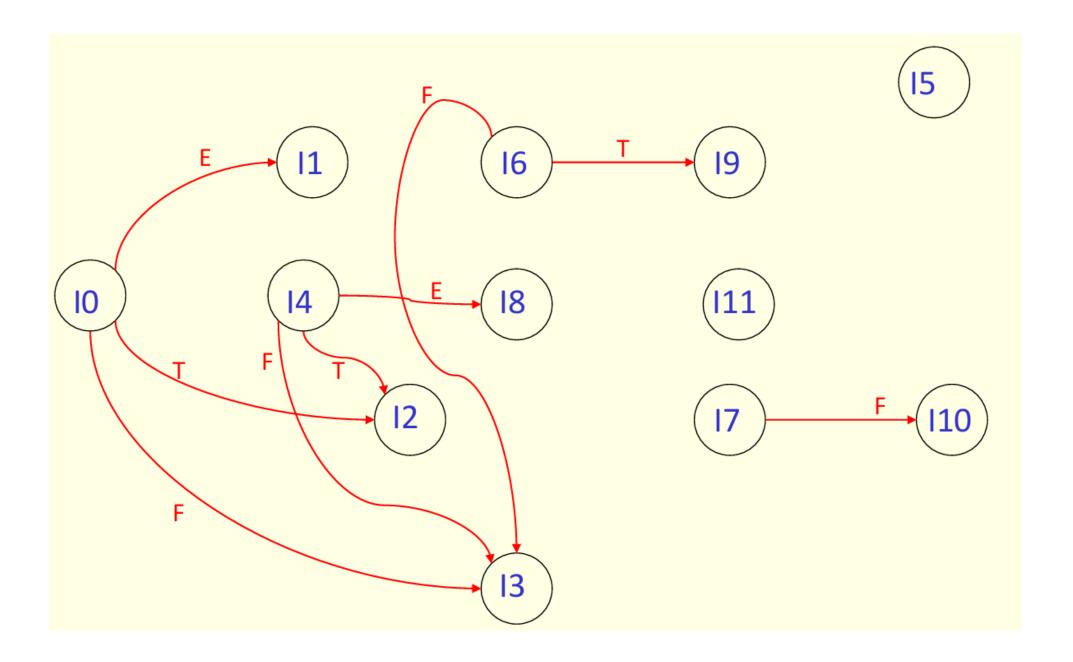
If I is,  $\{E' \rightarrow .E\}$  then closure(I) is

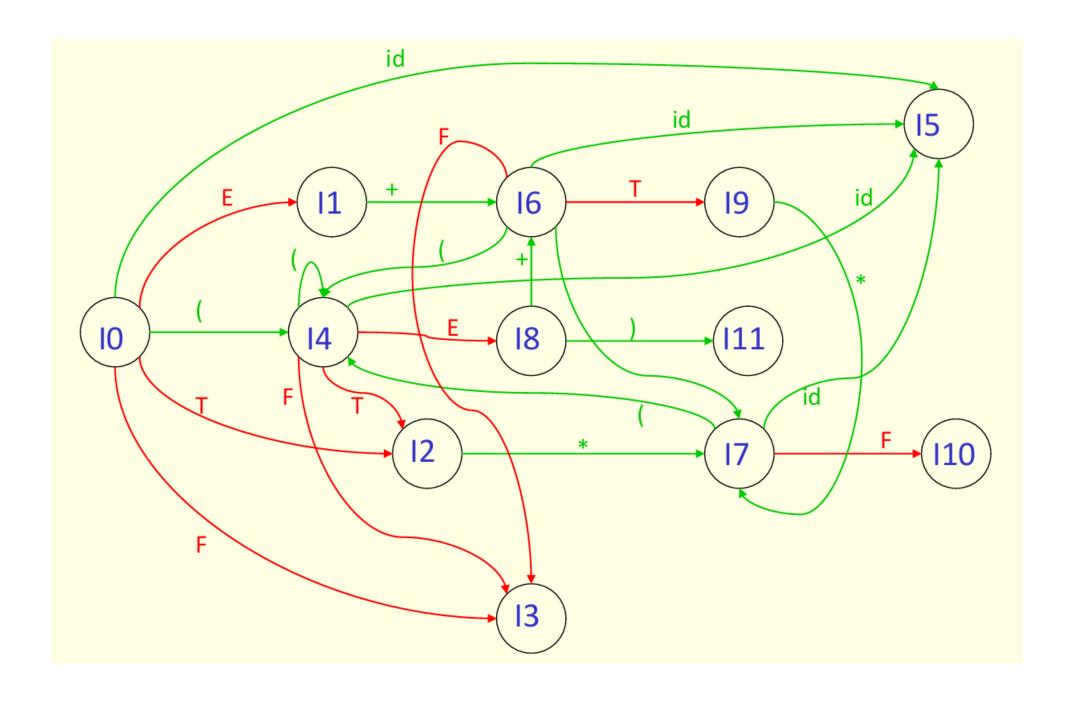
$$I_0$$
: closure(E' $\rightarrow$ .E)  
 $E' \rightarrow .E$   
 $E \rightarrow .E + T$   
 $E \rightarrow .T$   
 $T \rightarrow .T * F$   
 $T \rightarrow .F$   
 $F \rightarrow .(E)$   
 $F \rightarrow .id$ 

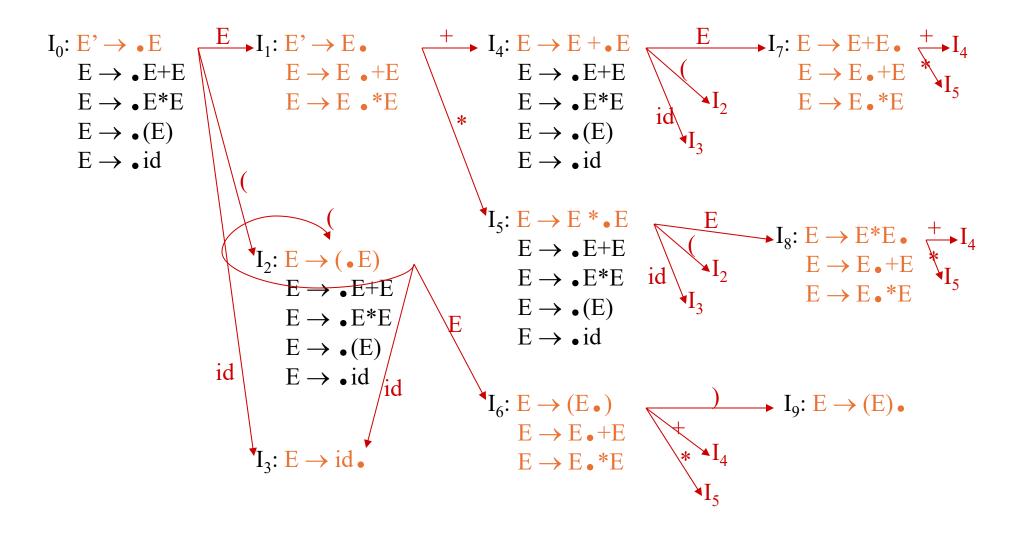






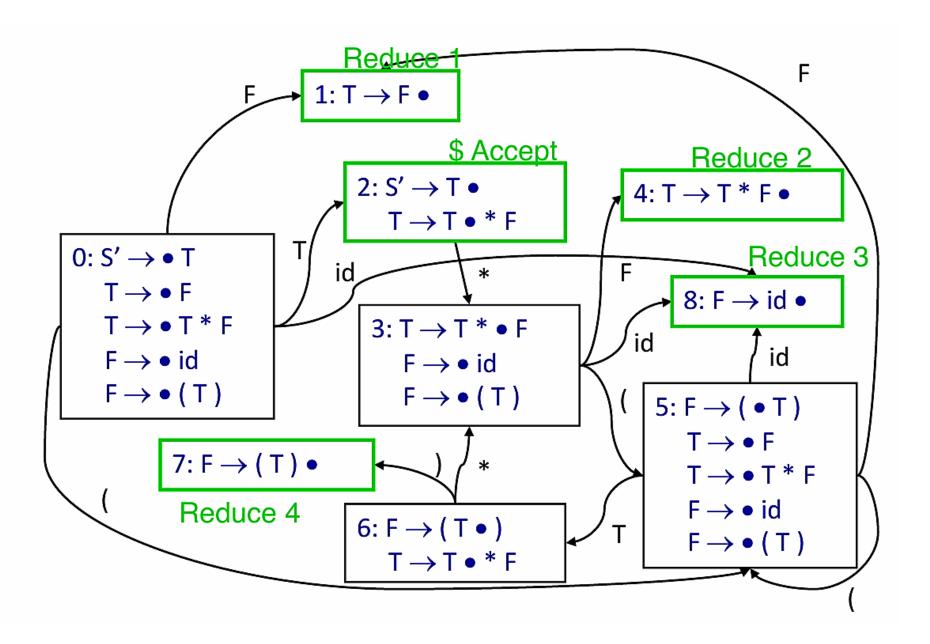


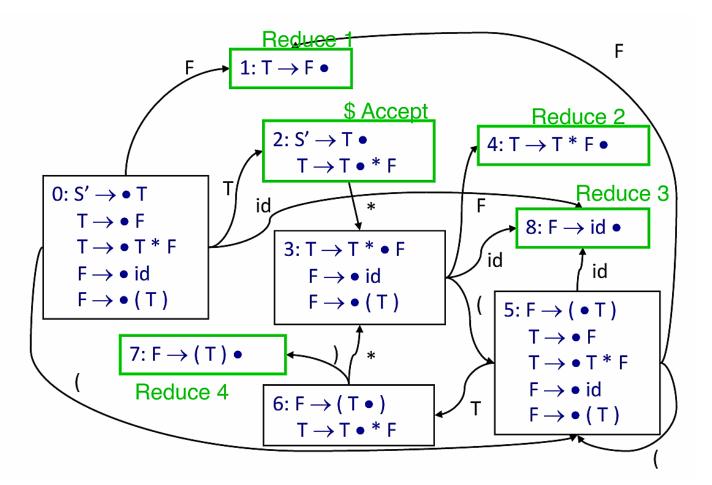




_					
Productions					
1	$T \rightarrow F$				
2	$T \rightarrow T^*F$				
თ	$F \rightarrow id$				
4	$F \rightarrow (T)$				

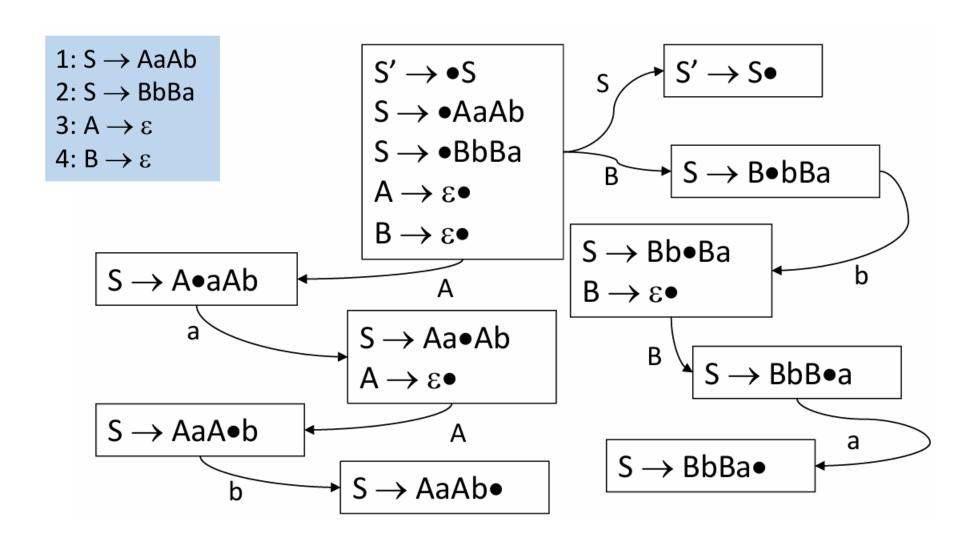
$$S' \rightarrow T$$
  
 $T \rightarrow F \mid T * F$   
 $F \rightarrow id \mid (T)$ 





	*	(	)	id	\$	Т	F
0		S5		S8		2	1
1	R1	R1	R1	R1	R1		
2	S3				Α		
З		S5		S8			4
4	R2	R2	R2	R2	R2		
5		S5		S8		6	1
6	S3		<b>S</b> 7				
7	R4	R4	R4	R4	R4		
8	R3	R3	R3	R3	R3		

## Example 4 with Epsilon rules



### Example 4 with Epsilon rules

