

Parsing considering "ε"

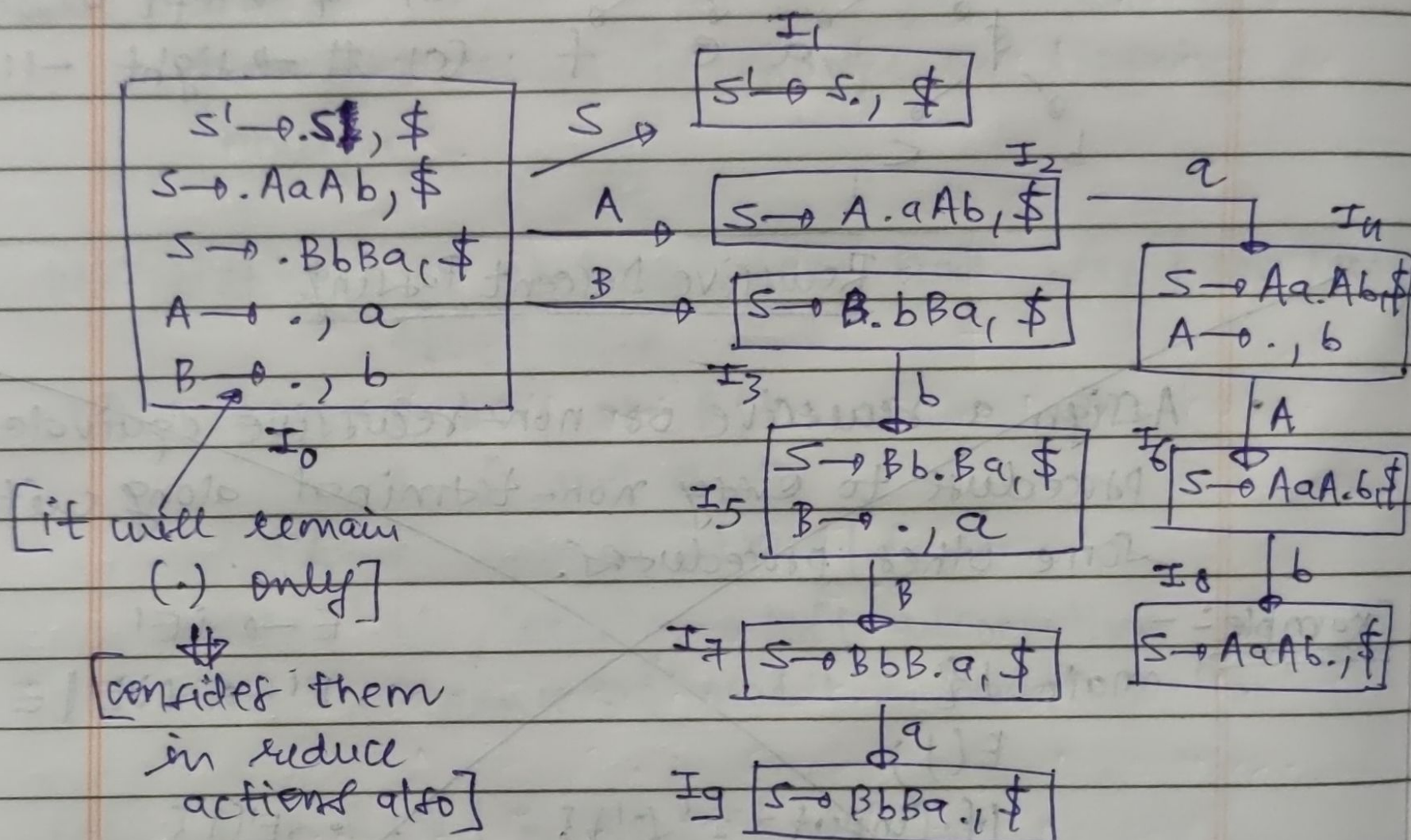
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Example:- $G: S \rightarrow AaAb \mid BbBa$ Construct CLR(1) parse table.
 $A \rightarrow \epsilon$
 $B \rightarrow \epsilon$

Solution:- "ε" means nothing is present.

$\hookrightarrow ".\epsilon" \equiv "\epsilon." \Rightarrow \{ \text{no difference in them} \}$



	a	b	\$	S	A	B
0	83	84		1	2	3
1			accept			
2	84					
3		55				
4		83			6	
5	84					7
6		58				
7	59					
8			81			
9			82			

Ans