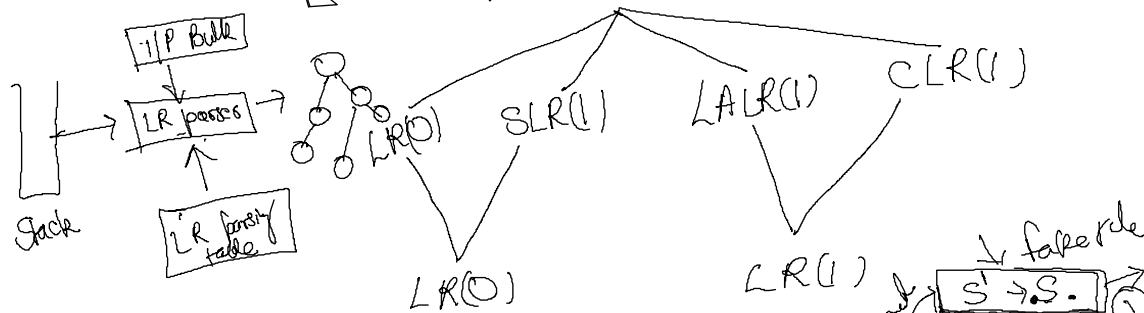


LR parser



→ Augment the given grammar

→ Number the production

- Number the production
- Draw conical collection of LR(0) item (DFA)

→ Create the parsing table. → Grammar
the parse table

Stack im plattformunabhängigen

→ Draw parse tree

$I \rightarrow \frac{cc \text{ of } f}{\text{of nut}}$

Q $\frac{E}{B} \rightarrow BB$
 $\rightarrow cB$

$$\beta \rightarrow cl$$

→ LR(0) or not?

$B \rightarrow d$
 $cc\ d d \rightarrow$ accepted or not - ?

Solution

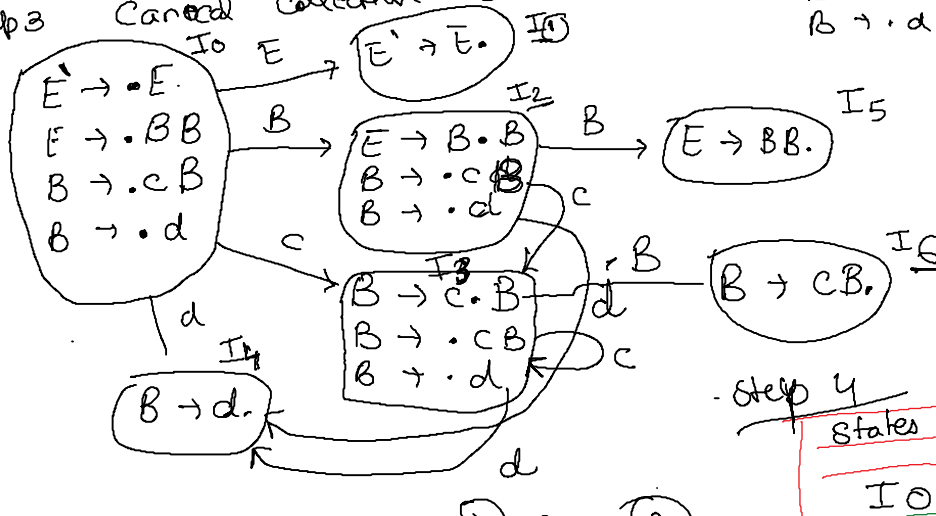
Step 1 \rightarrow Augment the given grammar


$$E' \rightarrow \overset{0}{E} \leftarrow \text{Augmental}$$
$$\rightarrow BB \rightarrow (1)$$
$$B \rightarrow C \beta - (2)$$
$$B \rightarrow d + \bar{3}$$

Step 2 ~~Draw the~~ Numbers the pattern

Step 3 Canonical Collection DFD

Step 3 Canonical Collection (DFD)

$$B \rightarrow C \cdot B$$
$$B \rightarrow \cdot C B$$
$$\beta \rightarrow \gamma + \alpha$$



 \times correct (LRP)
Shift-S
 reduce γ

- step 4

passing Tabl.

States	Action			Goto	
	c	d	\$	E	B
I0	S3	S4		1	2

