Step1:

Step 2:

Steps:

So 
$$\neg S = 0 | B | 1 | S | C | C | S$$

So  $\neg S = 0 | B | 1 | S | C | C | S | S | A \rightarrow B \cdot C$ 

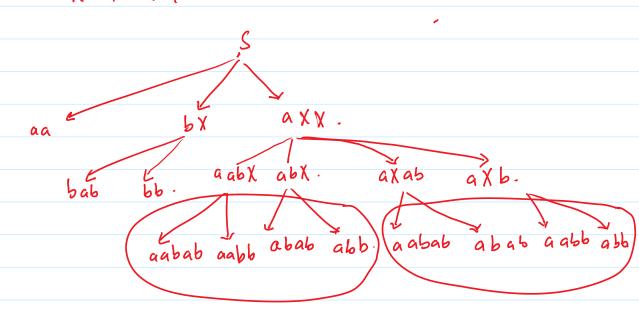
So  $\neg S = 0 | B | S | S | C | C | S | S | A \rightarrow B \rightarrow C$ 

C  $\neg S = 0 | B | 1 | S | C | C | S | S | A \rightarrow A \rightarrow A$ 

B  $\neg S = 0 | B | 1 | S | C | C | S | S | A \rightarrow A \rightarrow A$ 

So - CSC OB 2 SC CS S -> CSC OB 1 SC CS C -7 00 B -> 01B/1.

70ta) danguage Tree. S -> aa| b X | a XX X -> ab|b.



Ex S-7 K/b

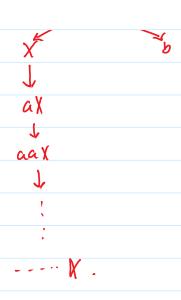
K-7 a K.

S

ax

ax

aax



Practice: S -> aX) Xa) a Xa Xa X -> ba lab.

Produce all fossible woods Using total Language trec.

Suri Word:

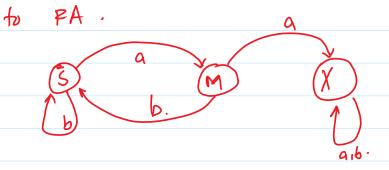
texuina, texuina, texuina --- Non texuina ax, ablo X.

Converting A CRG to PA.

S-> aM | bS

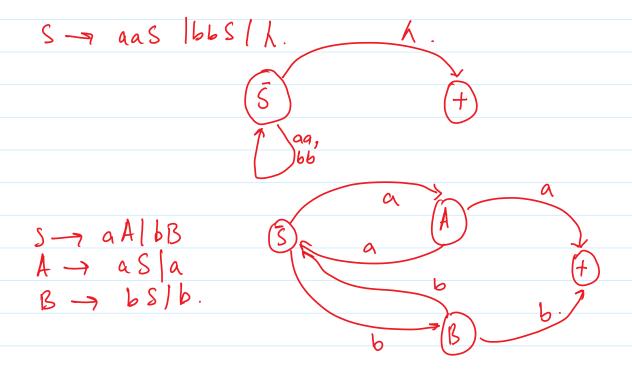
M-> a X | bS

K-> a X | bX | A.



Regular Grammori- A CPG is said to be regular if each production is in any on of these two forms 1- Non-termina) -> Seni word. 2- Non-termina) -> word.

CPG to 7G.



 $S \longrightarrow aM \mid bS$   $M \rightarrow aF \mid bS$ 

