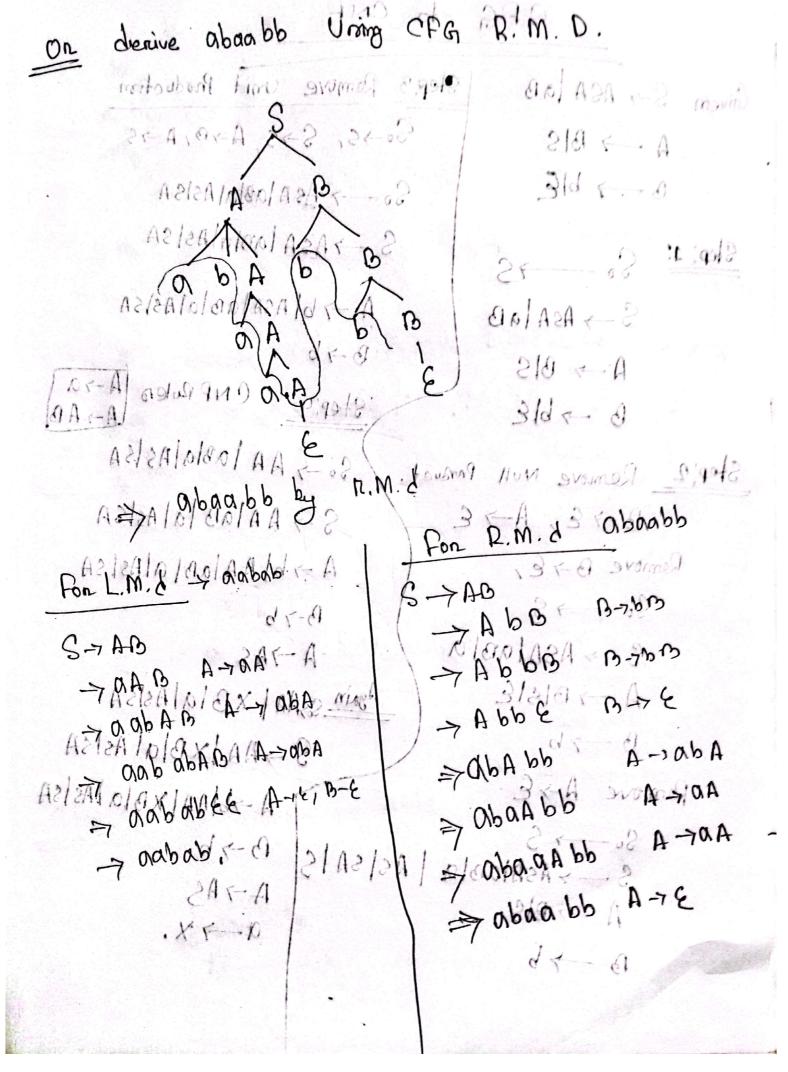
Regular exprension to CPG N-22 Bloth Company 1 - 21 11900 210 - A 310 - 0 8 = 1 XX 100 1 (C=10) BA A2/24/0/02/04/05, 040 1, 00101, -2=].2 :1.0/5 Try to Personate CPG for thun, 210 - A Palole 84x 70 AOB 3-1,3-0 morros 2 10/2 SIACIAO FINALANA B -> 10/2 / 0/ADA - 2 check the above CPG townect on not. Generate 0101 S-7 AOB2/2A/0/00/A84 => 0A 0B A -> 0A 2/0 = A >> 01AOB A-701A > 0180B A-78 DIEST DA ABLAND ABLAND CO DE DA COLOR D

& Constructing CFG to Parase true, rightmost/Leftmt. 8 Given , Sierra anslaout toine most fi A W SBA SS/60 - with motorwich Show that 3 -> aabbaa by constructing derivation true by hightmost derivation. 3/Ado/ADT 3/0 00/00 denive askab 18mg CF wanto mitarish in H. ->aabbaa -ZOAKSOOO 9 010,000 we set two fire to

Ambiguous Stommen granden in 1911 month (Leftmit) if there eniot two on more movies & derivation true forcibes string w. A Sent metavinals gritamitano of moddon of tool and; A -7 aA/abA/E mitorinals townshiper of B -> 6B/ab B/E > how to derive asbab uning CPG 1.4.19 derivation. Draw Pagine true = aabab we get two forme



to CNP O CPG

Given S- ASA laB

A -> BIS

B-> 6/6

Step: 1: So ->S

S - ASAlaB

A-> BIS

B -> 6/8

Step. 3 Ramove unit Production

So-15, S-75, A-70, A-75

Hondo sund

So->CAS A lablal ASIS A

S ASA laboral ASISA

of A of AsalablalAsIsA

6-76

Stepigo CNF Rules A->a

Step! 2 Remove Null Product. / So -> AA labla AS ISA

do and or & & A TE

Ramove B-76,

Sod Sid A

CIOS -> ASAlarda

> A -> BISIE

Adrica A -> b AR Remove ATE

ART A So dd An

S-ASAVABIA | ASISAIS

3 - AA distably

B -> 6

SS AAlaBlalASISA

A -> b| AAlaB| alAsISA

B-76

A-TAS

Again SAA | XB | al AsISA

AS > AA IX BIOI ASISA

A->blad XBlalasISA

B-> propo

9-7X.

Remove Unit Industin B A -> AB Simplification of OFG. A-70 DAOAK B -> Clb 3/AD - A CAD 3100 < -0 D-72 0 (-0 E->0 Step 1 Remove Unit Production. Hold gromes : 1 4012 > B->C, C->D, D->20/00A/DAO/DAOA = ? 今 13つと一つつか 日 AD - A 3/00-01 A - 7 AB 0-0 A -70 B -> alb g former B -> 6 C -- A DIDAIDAA / DOI DOA / DAO / DAO A - 9 0-70 AR - A E -- 70 state. Step: 2 Remove unreachable 0 < 0 A-7 AB Ama B-ralb

- 100 Po miles	of Alamo
S->ABAC	41
A -> aA/E	1
B-> PB18	9
$C \rightarrow C$	A. c
Step 1: Remove Null ATTE, Romme ATE, S - 7 ABAC BAC ABC B	96-16 Semone 1 Francis On On A
	Y-0 - 0 - 11 -
B→60/E	OA =
$C \rightarrow C$	N = A
B Ramme B->E	dlo=n
S -> ABACIBACIABCIBC	AACIACIL
$A \longrightarrow OA$	V 7. ()
$B \longrightarrow bB / b$	DY1
c -> c state state	Orenno symmet
	0A A
가게 된 이 때 보다면 하는 것 같아. 그리고 하는 사람들이 되었다면 하는데 되었다면 하는데 되었다.	

Remove! NULL Production

Ex: 1 Find out whether L= Innanion [n] in Content true on not. > Let 10 in Content officer in primary griganit => mow we can take a notring such that S= m Jn 2n => we divide 5 into 5 Paretro UV MJ12 Come 1 M= 4 SO My 24 Altgoral 1519 117 K of soll V 87 Each Contain only one Htype of Symbols mana 1777 222 divide into 5 = UV X J 2 [Let n=2] : | | // ... | // 2 mm ny x 25 5 U = NM Total Satisfy the conditions of Satisfy the Conditions of Satisfy the Conditions of the Conditions of Satisfy the Conditio not Content free.

dai bickloc=i &ix=kgl=>1=>0.100 & Let L be a Comtent frée. Now we com have string such that S= op bece odivide S into 5 Panto OYM JE Some the some b=d tel 1) vomd of each Contain One type of Symbol dd ddan dd S = 04 64 64 100 m Condition in a Vinal Dieron ain 1= 1 aa naaa bbbb ccccc 06 Pd C 122 10 60 10 Von J Each Contain more than On type of Sampol aaaabbaabbbb ccccc fil for owly seems! Uvinyiz i=2