Storma normala Chamsley
G este in FN Chomsky (=>) regulile sunt de forme
(N,T,S,P) $A \rightarrow BC$ $A \rightarrow a$
is singure regule core produce à poote fi 5-xx por in ocest cox 5 mu apore in membrul drept
al mici mei productii
aducere la FNC 1) doca S -> l si S appere in mb de al emei production
does $S \rightarrow \lambda$ si, S applee in sub-stress presduction $S' \rightarrow \lambda / \lambda$ $\forall S \rightarrow \alpha \in P$
2) Par 1 eliminares suihabrailes-neterminatible (core mu
produc avointe formate door dui termiale) -la core mu se ajunge
(prin derevioure din 5) Pos 2. eliminorea l'-productiber (si eliminom din nou simbolurile nefolositoire) Pos 3 eliminom redemenirile (mit-production)
Pos 4 et speiere terminal c ~ X2 meterminal mon impremia an regula Xc > c Pos 5 elimin productule an lungime > 3

Eliminorea λ - productiilore

1) construin $N_{\lambda} = \{A \in N \mid A \Rightarrow \lambda\}$ 2) $\forall A \in N_{\lambda}$ $\forall B \rightarrow \beta \circ A \beta_{\lambda} - - \beta_{t-1} A \beta_{t}$ toote of line

toote of l

HB -> BoABA--- Bt-1 ABt toote apointule

See transforma in

B -> BoXBI--- Bt-1 XBt on XEZ L, AB

Eliminoree redeminibles

- YA>C EP | solare A>X

+ C>X EP | solare A>C

Eliminates régulilor de lunguine > 2

neterminale moi 1

2

Enemplu Aduceti le FNG gramatice: (3) 5 -> BC /acd G: B > b/h C >c/ I elmin I prod 5->B/C/A/BC/acd B->6 Lelinin redeministe S > b/c/ \/ BC /acd BAb 5 -> 6/c/1/BC/XaXcXd B->b C > C Xa ->a Xc ->c Xd ->d 5 -> Xe /1 xe, xe, Xd, y, not /1-> XCX d