```
NOTITULEA DE GRANANCA
Sel: Se numero gramatica un moter G=(YH, YT, xo,3) unde
      NH - all simpoporious retirmings NH Wh = &
         TOENH - simply of start
         3 C 181/4 X/4 13/00
             (4,11) EP notate u-svEB som u-sv requisipproductive
      Definim modul de produces a curritation prin Colonies republior
      Del: Se numerte desirare directa " urmatorra relada presto Vot, natari =>
                          b=så gg b=sng " n=neg sere
                      ue V6 VHV6 - per adolone de termente re materiminate a contrimente de contribution de contrimente de contrimente de contribution de contribu
                                           - on abstrac ( curent park unwersal limpitale posts /6)
           Ag: Se conduce ridudence transitive or reflexivé a relation de derivare derecte, notate =>, number derivare (fire medianes derecte!)
                       p=>g==> ] Priper., Pr ai p=pr=>pr=3, p=3, p>1
                                                                K=1 replexintate p=2
                         Se much lunpine a deriver " no de deriver directe oficate
in derivere, pp=p-1
                                                                                when p=>g
                                   Pentur 222
               Def: Se numerte limbay greent de gramatica G=(VH, V, x, 3) multimes
                                                   ((e) = 4 bext 1 x = > b)
  Ex: G=( 1 A, 18), 10,1], A, 1 A = OA, A = AB, B = 13) L(G)=?
               A=>10 => NEL(G)
                                                  a => 11
                                                                                                   L(6)={11,011,0011,...,011,...}
                       Coma proposationali
                                                                                                        = 4 0 × 11 8 30}
                H=> OA => OAB => OAN EV + A=> OH ELG)
                 A => 0 A => 00A => 00 AB => 00AA EL(G)
                   A => 0 A => 00 A => 000 A => .... => 0 A => 0 A => 0 AA
        Ex: G= ( f A), fa, b), A, fA - a | aa | ba | baba } L(G,)=?
                            A = 3 a \in L(S_n)
                             A => baba = L(G1)
                                                                      L(G,)={a,aa,ba,baba}
                              A => pox Er (8")
                               A => QQ EL(G)
         Ex: (2=(153,10,6),5,15->ab/aSb3)
                            5 => ab & L(G2)
                             5=> a56 => aabb eL(G2)
                               S=> a56 => aasbb => aaabbbe((62)
                               S=195b=> aoSbb=1 35b3=1 => ak5bk=> kabb=ak+16k+1
                                                    L (G2) = { a b In > 1}
            Ex: G3 = ( {6}, 40,14,5, 15 >05/11)
                                          S=>NEL(G)
                                            2=>08=) ONEF(R)
                                            S => 05 => 005 => ...=> 0 5 => 0 00
                                                         L (G3)=f0 n/ / 120}
       Obs: Doné gramatio ca produc acatori lambaj se sic echevalente"
                                Deax. L(G) = L(G3) notion GxG3
                       CLASIFICAREA CHOMSKY A GRAHATICILOR
       y - top 0, fara restricti assepra formai repultor
          y, - tip 1, gr. deprodente de context
                               MAN - upr , unde AEVH, up, veVg, P=>
             * admite of repulse SIN day SECT. Co. - hip 2, gr. independente de context
                                     A->p, AeVH, PEVE
              Uz-trp3, gr. republe
                                    1 A → PB, A,B,CeVH Somethin (A > Bp, A,B,CeVH, P,PeV,T
               Type paratai ex countrie at mai restriction tip dui dontion chanses
  If: Hotan Zi = familia limbajalon generate de gramatici de tipuli, 1: = 93
             Lo - Ro. de topa 2, - 16 dependents de contest of2-16 independents de contest
                                                       23 - 16. repulate
        Del: Se numerie IERARHIA CHOMSKY a limbajelon um. sis de Michania
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よるこよってよってよ。

Proposition: If Go to J G & chivalento cu proprietation co simpunto repulsione

contin membolini terminale aunt du Porma "A-ri", Ne hi, i e Y ?

(Lenna "A-ri" la 16. de trp 2, ma curs)

The G = (VH, VT, 20, 3) e to m L = L(G).

Continuira o promuntaci achivalento G' = (VH of X0 (0 e V 1) , VT, 20, 3!)

Continuira o promuntaci achivalento G' = (VH of X0 (0 e V 1) , VT, 20, 3!)

Continuira repulse lui 3! appulle u-re 3 cona contin numai intervinale ni st. de

- partiem iu 3! repulse u-re 3" cona contin numai introduc in

- daci u-re 3 aprilie u-re 4"

3" repulse u'-re 3" unda u' ni v' no obtin de u usi v prin

intouriera terminablori a cu Xa.

- adamp repulse 4 xa-ra 10 e V 7 s

Observaria co G' respecta acaditina A-ri".

Qamana de acatat co L(G') = L L(G).

L(G) = L(G')

Fri pe L(G) p= a, maxe V 7 x 20 = p derivare a produci p.

Considerar urin deriver ni gram G':

G': xo = xaxo ... x = r 20, a 2 ... a controdus

Deai pe L(G'), g. ed.

In Chargicanes Chamby a hubajelor (promotivolor) se pet considere definitir echivalate ptr. clasele de promotivo!