1年业图:

由 S>AaAb | BbBa お析, FIRST (AaAb) N FIRST (BbBa) = 中

故该文法为LLUI文法。而该文法对于任何一个句子的第一个符号时要进行空难约,由于FOLLOWIA)和FOLLOWIB)都等于fa.bg.就天法确定将《旧约成A或是B。

3.24

该文法仅含图个同子da, bdc, dc, bda, 图此 d在何时归约为A,何时归纳为B是确定的。

Iz: 51->-5,\$ -> (-> b-Ac,\$ A > d . , c 5 -> · Aa,\$ 5 + b. Ba,\$ B > d. a S-> . DAC . \$ A> d, C 5 -> · Bc.\$ B> -d, a 5 -> . bBa,\$ d]] 3: A > d., a A -> · d, a I8:A > bAb., C B-> . d, C 会并正、工工后得工了· A > d·, a/c B > d . , a/c 出现旧约由约中党、故该文法不是LALRUT文法。 IT: A > b A · b , C 3.31: 有评零的是. A > bAblb A>b.Ab, C Io: a) II; sa. Ac, \$ A > b., c 51-7.5.\$ A->. bAb, c 5 > . aAc,\$ A>. bAb. b A > . b . C A>.b, b LA Is- 5 > aA.C,\$ I4: 5'->5.,\$ 1c Ib: 5>9Ac.,\$ A>b.Ab.b A>b., b A > bAb, b A> b , b

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3.35
                                     Iz = 90to(Io, ()
                   I, = goto (Io, R):
Lo:
CAN RIDIR
                                     R > (· R)
                     R'>R.
      R> · RI'R
                     R>R. 11 R
                                      R-).RIR
      R>-RR
                                      R ->. RR
                     R->R.R
                                      R-7-RX
      R>-R*
                     A>R·X
                                      R -> . (R)
                     RALE ROUN
      R -> - (R)
                                      27. a
                     R-SIRIP
      R-) - a
                               27-9
                                      R7. b
                     R7.PR
                               23.6
      R-> . b
                                   17: 90to (II, R):
                  I6=90to(I1, '1')
I4= 90 to (ΙΟ, α):
                                    R>RR.
                   R>R'1'-R
                                    RTR: 1'R
Raga.
                   R> - R'1' R
                                     R-)R·R
I5=90to(I0, b):
                   R->. RR
                                     R-AR-X
                    R->. R*
R-> b.
                                     R>. R'I'R
                    R->.(R)
                    凡 ) - 9
                                     R->- AR
                    スラ.6
                                     R-7. RA
                    goto (I2, ()= I2
                                      R) - (R)
                                      R-> .9
                    90to (Iz, a)=I4
90to (II,()=I>
                                      R>.b
                    90to(12, b)=15
goto (II, a)= I4
doto (II, b) = 15
                    I9=90to (Ib, R):
                                      goto (Ib, ()= Iz
I8=90to (I2, R):
                                      90to (Ib, a)= I4
                    R-> R'1'R.
 R-)(R.)
                     R-) R. TR
                                       90to (16, b) = IS
  R-) R. 1'R
                     R>R.R
                                       90 to (I7, '1') = I 6
  R-) R.R
                    R-) R. A
                                       90to (IT, R) = IT
  R-> R. 5
                     R). RIIR
  R->-RITE
                                    Ilo=90to (I7. ★):
                      R-). AR
  R-7.RR
                                      R->R*.
                      R->. RX
   R>. RX
                      R7.(R)
                                      90to (IT, ()= IZ
  R> (R)
                       R-7. a
                                      90to (17, a)=I4
                       R7. b
   R-7-9
                                      90 to (17, b) = 15
   P.7.6
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90to(19,11)=Ib III=90to(18,)): 90to (I9.R)= I7 R-7(R). 90to (I9, *) = Ilo goto (19, () = 12 90to (18, '1') = Ib 90to (19, a) = 14 90to (Iq. b) = IS 90to (18, P) = I] 标号: (1) R→ R·IR (4) R→(本) 90 to (18, x) = Ilo (2) R > RR (5) R > Q 90to (Il, () = IZ (3) R > R* (6) R > b 90to (28, a) = I4 FOLLOW (R) = {11', *, (,), a, b} 90 to (18, b) = 15 \$ R 6 0 111 (米 55 56 54 0 52 55 all 54 52 55 54 2 52 15 15 r5 15 r5 15 rb 16 rb 16 rb 16 16 52 54 6 Q 52 12 Slo 56 54 55 Y2 54 52 # 510 5 52 54 510 13 13 Y 3 Y3 V3 r4 14 14 r4 Y4 14



