```
[.] [ (W), 3 / 10), 3) = A 16
   [=x (First(x) N Qa(x))] N [Ax (Q(x)) > Ay (A(xy) > Q(y)))]
         1 (100P) - (10,0) (- (10,0) ) = (10) 9 / (10) 1
    Yx Yy [(Qa(x)) A Qs(y)) -> (xxy)]
 (b) aab*aa
  3 x, x2 x3 x4 (First(x1) 1 second(x2) 1 Last(x4) 1 secondlast(x3)
    1 A A A d ( ( ( x x x d) v ( A x x 3) ) -> OP(A) & )
(C) [ = x, x2 x3 ( (x(xx2) 1 (x2xx3) 1 Q(x1) 1 Q(x2) 1 Q(x3))]
   =x Q3(x) 1. 4y ((y<x) -) -Q3(x)) ] first b'
            ハコヨス,ススス3((ス,くス2)ハ(ス2くス3)ハ(ス3くス)ハ
                           Qa(n1) NQa(n2) N Qa(n3))
```

3 a's do not occur before the first b'.

every a belongs to atleast one part 3 RoRi Pari [VX (Rolm) V Ri(X) ·· V Rani(X)) A DEIZJEN T(RI(X) N RJ(X)) (no 'x' belongs to 2 parts, N [R;(x) → ∀y (5(x,y) → (Qo(y) → R2i% n(y))) N (Q(14) -> R (2i+1) = (on (4))}))) -- ; P5(n) de is 1 iff remainder of the prefix of w upto 2 = i A [In First(n) A (Qo(x) -> Po(x)) A (Q,(x) -> Pr(x)) (base (ondition) []x(Last(x) \ Ro(x)) remainder of final condition that entire string a o

The contraction of the contract [[(15*) 5*) 10- 5*005*15*) E) Also empty word I this else ma a then stoot No consecutive as or b's Ano French July WEZ* (Flur WEL) NUV WEL) V(WWELD TUVINEL) For any no those is some n = no such that either uv wis in I and uv "the is not on Why is not in Ly UV "W is in L.

