Typondo transitividade com (45) e (44): (An(Bnc))-B

Instantiación

f = C 1 B

r = 0

```
9.
```

Nothando a 53 ha um vimor, podrms unan A a Nodus Ponns

a.a. (A->(B->(C-0))) -> (A->((BnE)-0)))

Ja: (P>(9>r)) > ((Png)>r), P=A,B=9, r= (E-D)

 $\stackrel{\text{32}}{\Rightarrow} (A \rightarrow (B \rightarrow (C \rightarrow D))) \rightarrow ((AAB) \rightarrow (C \rightarrow D))$

32 = (8 - (C -> (B)) -> ((BNC) -> D) -, P=B, q = C, n> D

L& administrato A.

=> (A 3 (B 3 (C 3 D))) -> (A 3 ((BNT) ->)))

3.

1. (An(BVC)) - (CANB) V (ANC))

H8 P=B, Q=C, r= ((ANB) V(ANC))

(B > ((ANB) V (ANE))) > (C > ((ANB) V (ANE)) -> ((B VE) -> ((ANB) V (ANE)) (1)

45, wm P=A, 9= (Bye)

HI > (UV (BAC)) > (BAC) (*).

So preten construir (1) + (2) + user MP, on signific wan transferridade com 4) +3

B = ((ANB) V (ANC)) (1) // (onstone (1)

#6 com b= (bug) i d = (buc) ;

(ANB) > (MANB) V (ANC)) D

71: (B-A) -7 ((B-B)- (B-(AAB))

AI: A (B >A) & R2 p/ tirer o A & Ale só com B-A, apra posso unan MP I from com: ((BSB) - (B - (ANB)),

= BaB

SP BA(ANB) OO

trons -> DD + D = B->(AAB) & (AAB) ~ ((AAB) V (AAC))

detento B = ((AB)V(ARE)) consegui l'orgra posso

form MP La em uma (1)

```
C= ((ANB) V(ANC)), ( construir o (Z)
 (ANC) - ( (ANB) V (AVO) \ \
 (C2)A) 3 ((E2) ) 3 (C2 (ANC))
HI: A-CC-A) 1 RZ D/ Firer o a do funto a finon 10 com C-A
MPS (C-C) = ( C = (Anc))
MP (CACANC)) NA
trans. Do + D
   (C-(ANC) & (ANC) - (ANB) V(AVO))
trens c -> (LANB) V (AVC)) com isso poso MP do um cimo
  a obtunto (BVC) - (CANB) V (AAC))
  o agra posso user territivided com (*)
(ANCBVC)) = (BVC)
             (BVC) - ((And) V(Anel)
                        (ANCBUE)) -> ((ANB) V(ANC))
```