R morfismal >> R. reflexie Requel de deductie Couchitudinus las Haramadulatu ] epalitate
adevorate

R-reflexie [ Parareschere) た(x) もった(y) らA Paramod extravely Run @ - O(G) E(X) = TE(Y) BUL EEA =174 Gull=h3-nu EEM GUYLILY -> G TECH DITE (Y) Reporte be extrus GUY (=x)-80 (G) 6(8)=0(K) TE(x) = > TE(Y) que) = Q(n) ® -> (a) 0 (a) = (a) = (b) (b) -1 0 (c) Represent Gusl=13-20(G) Tz(x)=>Tz(Y) 0=CGU38, X3 E∈₽ ...... couff, e3 =1 Require e wride de 4 S: TE(Y) -1 CH Not pt (BY) B' 0; S est bolidge of (3x) G Dem Er republic sunt coudi S: TE(X) X) A este sol of (3X) G doca S(G) C = of G = 6' = 6' (aplic 2 rup course) TZ(X) - 0 / (Y) -> TE(Z) R & R corecte out or applicance la mucción G - G".
Rta' e courto TE(X) (Z)

# S: TZ(2) -) A AND A (32) 6" (4) (0,0') & solpt (0x) 6 Fie S: Tz(2) -> A solp) (32) 6" R'correct: 01; S not pt(34)61 Result: 0; (01;5) pol pt (3x) 6 (0;01);s Roufissului e correcté. 6 -> O(G) ( one not pt o(a)) & solpt?) TZ(X) -0-)TZ(Y) -sof The S polition pt  $(\exists \Psi) \theta(G)$   $6(\theta(G)) \subseteq = cA$ (0;5) Well e solpt-6x)6 Elinumores es adev. e consta Dem. S solyt (7x)6 =) GUS 1=13-16 5(6) C = CA TZ(X) 1 TZ (X) Soct  $S(6) \cup \{e = e \} = 0$   $S(6) \cup \{s(e) = s(e)\} \subseteq 0$ D Roy reflerations e corecté D Rep. ruge. « considé (cosponère de ruge-extraté)

Seei S not pt (0x)60} P=13

(egalitati, perechi determieni - para) , Panaresvierea GUICERS(e)] (Coutext extrus) & GUICERS(e)]UR(H) (A) (="> LE(X)-)LE(A) Morfimul calculate 1/2(x) H = l=h + u = o CH IL = 10 (congr. semantic) (Fullwel u==v Specification fulul=fu(v) Roscoure u = s + n(u) v = s + n(v)In Pararescrierea e o regula core eta. Nu + Asicit & Fre S: TZ(Y) -> A soluble pt(=Y) GUELBINJUpout e programice sistemal de resurs UK(H) 5(GUC[As(r)]Uh(H)) = = ot prograde terrumoire D S(6) = = et 2)  $S(C(h_s(\Lambda))) \in \mathbb{R}^d$ 3)  $S(h(H)) \subseteq E^{A}$ The dem ex As; 5: Tz(x) -1 A est solpt (3x) GU Sc[hs(e)]] S(Gu (Chn(e))) = = # (a) S(G) ⊆ = 04 16] S((C[Rs(ℓ)])) € = ot

/a=b ad e> + h-de ->07+1 h(a)-h(b) Dem 6. P. algebro Fre D: A -> M= O(S(C[Rs(r)])) est 9 egalitate, adecoratio O(S(h(H))) (0 mult) de egalHati - h, S; 0: TE(y) -> CYET. C(satisface) = r if H & (h; S; 0) (H) & nutt.

(satisface) | adenorate + morpina miTz(4) -> or daca du(41) soud epolitobs => =) m(e) = m(r) (h, s; 0) (e) = (B, s; 0) (n) (C[hs(0])= 0(S(C[As(e)])) =(S; 0 Prepula M(ClaJ)= m(e)[mo] (5;0)(C)[(s;0)(Rs(U))] = (s;0)(c)[(R;s;0),(Rs(U))] = = (S,0) (c) ((R;s,0),(N)) = (s,0) (c) ((s,0) (h,1)) ] = = (5,0) (c( Ro(N)) = 0(s(c [Ro(N)])) O(S(C[R<sub>S</sub>(e)])) este o egolitorial S(([R<sub>S</sub>(P)])) = = CA

Para modulatie GUZCEATZ - P 0 = CGU { 9, e 3: TZ (xuy) \_ , TZ (2) of Paramodulable extinte Sew & mf + Paramed rescuere - Paramodulasse extruste TZ(x) O(E(x)) [2) (AA) J= y ItMED AUX = 10 0: TE(XUY) -1 TE(5)  $\theta(a) = \theta(l)$   $\theta(a)$ 8(6) U 3 A( cfr]) 3, Oly borolour. Rep parau extruse e coucho (repruftruo parerescueri 1) Paramodul also a conte B(GZU) CENDUH) :) Paramodulação e corecto (cot particular) 1 Onijid sol pt Gara etc. Dig Ozi - - On solpt Jx)G (computer ouf-colculate)

-