

Hera Z=2019 , T(Z+), Cocayo &=<00+, Subs 20 cot e Franc, sub e Pred, #cot=2, #sub=2 4= (P(Z\*) CO+R Subt> sub (h, L2) <-> L1 = L2 Onp: 204, 32,432 egg Single = 12 wy | w e2 & B Cueru equagri. Union = 2 < L1, L2, L3 > | L3 = L1 U L2 y ster= << L, L> | L = 2 - 6 Huyoù Henpasho gyra or 2 he e Onpegenus Te West To 37wy enemp. Davice hefut(A), no hisonouse pergraphute esuluh

Single = 1 twy we 2 y Bruer /y sub (x,y). (e. Hy sub (y, x) = Hy(sub (cot (x,y) ) \$ SL 1,4)85 46284 Sub(4, Usingle

union = } < L1, L2, L3 > 1 h3= L1 U L2 } stor= < < h L> | L = 2 - 6  $) \leq Sub(x, 218 sub(y, 2)2$  V+(sub(x, 1)2 sub(y, 1) => sub(z, 1))Li = holdul20. MINETU TO KOHRATEMU 12010 tol =+=> (star(XS) = 3y ( (exey(y) & sub (y S) & sub (cot (XS)s) (SUB(4,1) & SUB(CQ+(8+1,+)=>SUB(S+))

\* Huyos henpasho qua of 2" he e Onpegenus To West to 32 wy enemp. · Davice he fut(A), no hisonosma pergnaphute esurgh. nogeonya 1 hoheotonayu h(0)=1, h(1)=0 4.7\* -> Z'A , w ∈ Z\*  $H(\omega) \leq h(\Omega_1).h(\Omega_2)...h(\Omega_N)$ ohekujus W= 8,... , Qu H(L) 5 7 4(W)  300 A = C Q ; pt > . 0,5,C G Q C < 0,0, C > Ept => Q = b.C Po ce 20x, ree b + @ Onp. ar-2020: 203 Aby 2-13, 2 < x × > 1 x C F Q J, 2 < x y > 1 x y - 1], 2 < x , y z > 1 x = y . Z S. Pace 20x ree b + ar 5000 239 he e onp.

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defl Mera Ce U-BO OT OFFILD EDUX L.

i) Ce Bapto & Anguar of (4) (4000) [4 60]

En: (4 5)

ii) A e sugen sa C aro (400) (400)

En: 4 F A (400A)

Lie) <u>Persnandono</u> Prus eizer.

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a ce gor, ree creatur to dop or 20,7 BOPELL (en & 4x 7p(x,x). // uppedon. (P2 5 4x 74 p(x,y). // d(x)>0 x2unu x (60 5 AXAAAL (b(x'A) 8 b(x'S) => b(x'S) // LEONGRIMBING! Az Homopun CTP. 7, T.P. A = 291, 62, 63 9

4, 62, 63 ca Bepun & 4 C-KOUCTOUTR, CAEA 

porycher, ce una reparen us den muera fo Ao + Ø , T.T. N > O 01 Q2 BUN-1 OUN N+1 TOCKEN 30CETQ No PH principle: una Oficien, it ai=ai Ci-uppedon: Cz -cephonnoci hazacno; Cz-iponzui. 7 10 63 (4) c Q HONYCERNERO MU BOOM OO MPOTUIS. 7.8.
29, 6, 8, 83 MOND REPORT SHOOP. 2012 Cupor ynniseteyna xx e

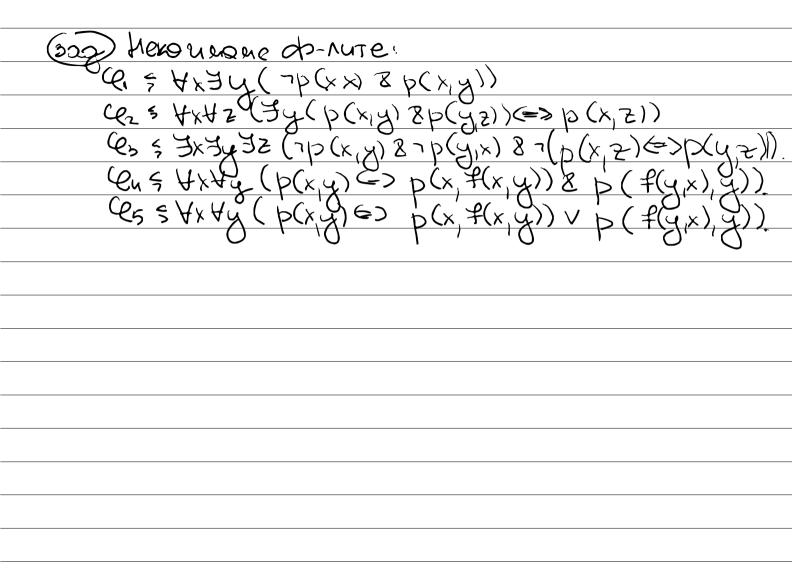
Ce Joh, ree Cheghur Hadop or 20,7 BOPENU

ce you ree chequis hadop or 20,7 BOPENU (9(x,y)89(y,z)=> 2(x,z)). (en = 4x4y (q(xy)=> Jz(q(xz)8q(zy))). (es = 4x4y (q(xy)=> Jz(q(zy)8)(z=x)87q(xz)8)q(z|x))). P-NU e DOMBNHUM: (25 4x (7p(\$(x),x) & 7yp(\$(x),y)) (25 4x4y (p(x,y)=>32 (p(x,2)&7p(\$(2),\$(2))&p(2,y))) (2574x4y42 (p(x,y)&p(y,2)=>7p(\$(x),2)) ce Joh, ree Cheghur Hadop or 20,7 BOPENU

JA Ce JOH, ree CREDHUR HQDOP OT 30TBOPENU (2 57 p(37b))
(2 57 p(37b))
(3 5 3 x 3 4 3 4 5 4 w (7(w=x)87(y=w)=2)w=z)
0, b-konstantu, p-qoyaecteri npegur. Curba.

a ce gor, ree crequir hadop or sat Bopenin op-nu e Donanhua:  $(Q_1 \le \forall x (\neg (x = f(x)) & \neg (x = g(x))). / \text{the standard of the standard o$ (e) = 7x7(f(g(x)) = g(f(x))), // wasoera, 7.8. ft.

5 ∀x(¬(x = f(x)) &¬(x = g(x))). en 3x (x= f(g(x)) 8 x= g(f(x)). P3 = 7x (f(x) = 2(x)) / Was 7. (4(2(x))=2(f(x))). Es @ Bephin B Tobu ap, 40 He u



ree Crequis Hadop or 227 BOPENU

N.C. Aggenn de chequite doponyon: P15 4x4y42(((xy)8, (2) =) ((x, 2)) (P25 4x (p(x)=> 3y (r(x,y)84z(r(x,z)=)7r(z,y) (l35 +x (7p(x)=) 3y(r(y,x) 8-3z (r(y,z)8r(z)) (l45 +x /y (p(x) 8-p(y)=)r(x,y)). (RS & JXP(XX=)JX7P(X) no = 2 (e1 (e2 (e3 y), n = 10 0 2 (e4 y) [ 5 1,0 27 85 4 la ce govanne nou ot on-bota 10,17, Pz, MONERHURY WKOLL HE CO WONERHURY