9,2,17. Veril. does de poste obtine word din in pen util tr'imput p'a clauses Tudasma negativa (3x)(ty)(P(x,y)->R(x)), (tx)(ty)(P1xy) - (3x) R(x) Ros. met mint. printop = 2 monga cond. $u_1, u_2, 7v \xrightarrow{P_1-7} u_1(7v)^c$ $S = \{7p(x,y)vR(t), P(x,y), 7R(t)\}$ (2 TP(X)Y) URUX) (3=7R(2) (x > 5) <= P(x,y) C=7P(X,y) (5= T) are la deductie

1

9220 Rex Obsain

$$2jU=(37)(3x)P(x,y) \longleftrightarrow (3x)P(x,y)$$
 $U_1=(37)(3x)P(x,y) \longleftrightarrow (3x)(3y)P(x,y)$
 $U_2=(3x)(3y)P(x,y) \longleftrightarrow (3y)(3x)P(x,y)$
 $U_3=(3x)(3y)P(x,y) \longleftrightarrow (3y)(3x)P(x,y)$
 $U_4=(3x)(3y)P(x,y) \longleftrightarrow (3y)(3x)P(x,y)$
 $U_5=(3x)(3y)P(x,y) \longleftrightarrow (3y)P(x,y)$
 $U_5=(3x)(3y)P(x,y) \longleftrightarrow (3y)P(x,y)$
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 $U_5=(3x)P(x,y)$
 $U_5=(3x)P(x,y)$

9.2.21 Val. res gen, rest!

$$N^{-st}(X) |\exists y | | P(x,y) \Longrightarrow 7P(y,y)$$
 $7U \stackrel{\text{Prit}}{\Longrightarrow} (7U) \stackrel{\text{l}}{\Longrightarrow} S = \begin{cases} P(a,y) \vee P(y,y), & 7P(y,y) \vee 7P(a,y) \end{cases}$
 $C_3 = Fact_{\{y \leftarrow a\}}(c_1) = P(a,a) \qquad Res(A \vee l_1, B v l_2) + O(A \vee B)$
 $C_4 = Fact_{\{y \leftarrow a\}}(c_2) = 7P(a,a) \qquad \theta = mgn(l_1, l_2)$
 $C_5 \stackrel{\text{Res}}{\Longrightarrow} (C_3, C_4) = C_7 \stackrel{\text{TCC}}{\Longrightarrow} S \text{ inverses}$
 $G = mgn(l_1, l_2)$
 $G = mgn(l_1, l_2)$
 $G = mgn(l_1, l_2)$
 $G = mgn(l_1, l_2)$

FUNGII BOOLEENE 9.3.2.2. Trought fot sato win FCD andragrame Vertel f(x1, x2, x3, x4)= x1x2x3x4 U x1x2 x3 x4 V x1x2x3 x4 V Br. x1X2 x3 Xg = X1 X2 X3 X = mig Disgrama Veitch 1710(2)=16110) X2 000 M(4) = { rovarx, ..., rough G = {mox3, mox2, mox,} m111 2 4 7 8 =) (29] g(v,, xs)= max 1 v max 2 v max 3 h, (x,..., x4)= maxx 47/2 ~ 15/2 mans 8(~, ~,) = g(x, , ~,) V h(x, .., xs)= = monv mexi v mox3 v mox4 = x, xz v xzx3v x, xzx3 v x, xz x3 v x, $\int_{\mathcal{I}}^{s} (x_1 - x_1) = g(x_1 - x_2) \vee h_2(x_1 - x_3) - \frac{1}{2} \left[\bar{x}_1 \bar{x}_2 \nabla \bar{x}_2 \bar{x}_3 \nabla \bar{x}_1 \bar{x}_1 \bar{x}_2 \nabla \bar{x}_1 \bar{x}_2 \bar{x}_3 \nabla \bar{x}_1 \bar{x}_2 \bar{x}_3 \nabla \bar{x}_1 \bar{x}_2 \bar{x}_3 \nabla \bar{x}_1 \bar{x}_2 \bar{x}_3 \nabla \bar{x}_1 \bar{x}_1 \bar{x}_1 \bar{x}_2 \bar{x}_3 \nabla \bar{x}_1 \bar{x}_1 \bar{x}_2 \bar{x}_1 \bar{x}_1 \bar{x}_2 \bar{x}_1 \bar{x}_1 \bar{x}_1 \bar{x}_2 \bar{x}_1 \bar{x}_1 \bar{x}_2 \bar{x}_1 \bar{x}_1$