

Saganue 1.3 $V = \{ x, y_1, y_2, y_3, z \}$ D= = D= = D= = Z $\phi(x) \equiv x > 1$ START: $(y_1, y_2, y_3) \leftarrow (x, 1, x)$ € A -T. ClM. $(y_1, y_2) \leftarrow (y_1 + x, y_2 + 1)$ $S \rightarrow A: \chi > 1 = P_A(\chi, \chi, 1, \chi)$ A JA; X > 1 1 PA [A, y, y2, y3) 1 (y2 < y3? =) => UA [N, y, +x, yz+1, yz) < UA [A, y,, yz, yz)

 $A \xrightarrow{\gamma} A$ $(y, y, y_2, y_3) = \lambda u_A [1, y, y_2, y_3) \in u_A$ A FT A: (x>1) 1 P, + [21, 31, 12, 13] 1 42 2 43 1 43 # X -> y2= y3

$$\frac{1}{3} \frac{1}{3} \frac{1} \frac{1}{3} \frac{1}{3} \frac{1}{3} \frac{1}{3} \frac{1}{3} \frac{1}{3} \frac{1}{3} \frac{1}{3$$

 $A \stackrel{FJ}{\Longrightarrow} A_{(yy)} \cdot (\alpha > 1) \wedge (y_1 = y_2 \cdot x) \wedge (\|y_2 = x\|) \wedge \|y_2 \leq x\|$ $\Lambda[[y_3=x]\Lambda[x \neq y_2 \neq x^2]] \rightarrow 2x^2 - y_2 - y_3 \in \mathcal{W}$ $A \stackrel{FT}{\Rightarrow} A_{3nb}$; $\Leftrightarrow 2(2 > 1) \land (y_1 = y_2 \cdot x) \land (||y_3 = x|) \land$ $\Lambda (y_2 = \chi)) V (y_3 = \chi \wedge \chi \leq y_2 \leq \chi^2)) \longrightarrow 2\chi^2 - y_2 - y_1$ L 2117 - 272 - 73 $A \rightarrow A_{zab}$: $\zeta = \sum (x > 1) \wedge (y = x_z \cdot x) \wedge (|y| = x) \wedge$ $-92\chi^{2}-(y_{2}+1)-y_{3}<2\chi^{2}-y_{2}-y_{3}$

