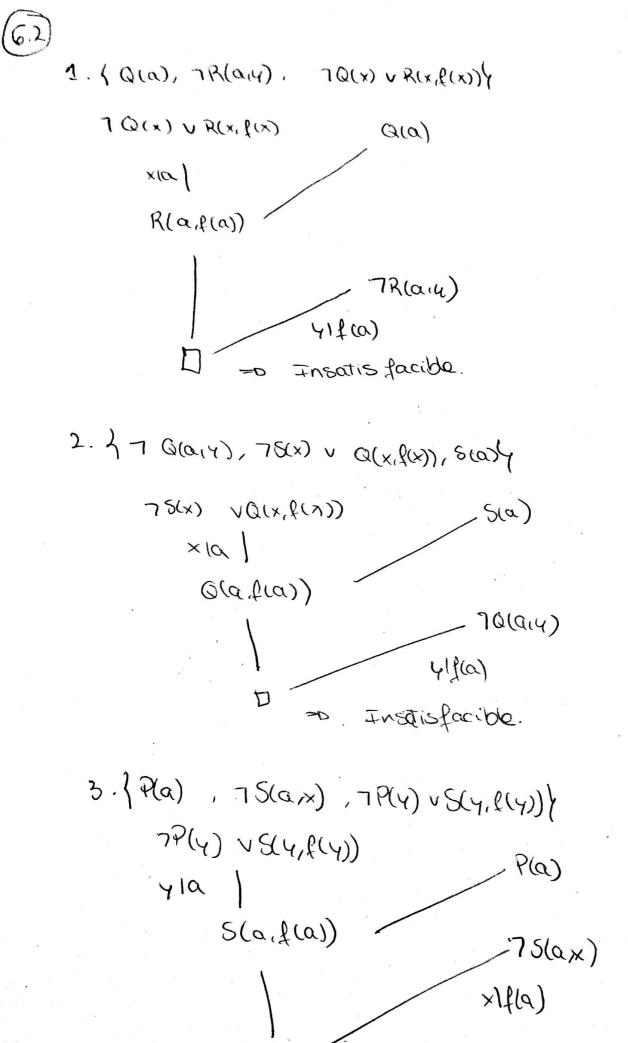
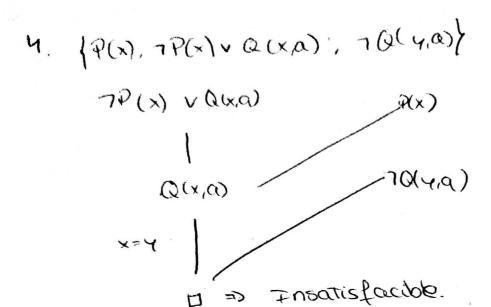
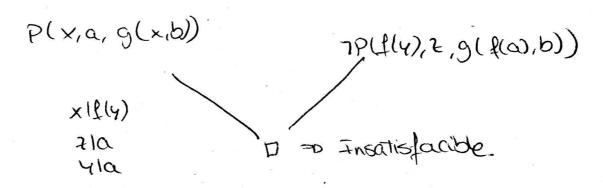
Juan Valentine Gerrero Caro. | Relación Unificacióny 61 (1) Y d(x, f(x)), a(f(s), f(a))} $\begin{cases} f(\lambda) = f(\alpha) &= 0 & \alpha = \lambda \\ f(\alpha) &= 0 & \alpha = \lambda \end{cases}$ 2 / P(x, d(x, a), f(y)), P(x, g(g(f(y), b), y), f(a))/ $\begin{cases} g(x,a) = g(f(y),b), y = b \\ f(y) = f(a) \end{cases} = x = g(f(y),b) \quad a = y = b \times = g(f(a),b)$ Luego mificable (3 fa(x,g(x,y)), a(4,2), a(2,g(x,a))/ $g(x,y) = z = g(x,a) = 0 \qquad y = a \qquad x = x = 0 \qquad g(x,a) = z$ Lepp mificalde. 9/2(fix),g(f(z),y),g(a,f(f(x)))), R(y,g(Aa),f(f(b)))g(zf(y))) $\begin{cases} f(x) = \lambda \\ g(f(x)x) = g(f(x), f(f(x))) = g(x, f(x)) \\ g(x) = g(x) = g(x) \\ g(x) = g(x) = g(x) \end{cases} \Rightarrow f(x) = f(x) = f(x) \\ \begin{cases} f(x) = f(x) \\ f(x) = g(x) \\ f(x) = g(x) \end{cases} \Rightarrow f(x) = g(x) \end{cases} \Rightarrow f(x) = f(x)$ Where f(x) = g(x) = g(x) we have f(x) = g(x) and f(x) = g(x) where f(x) = g(x) and f(x) = g



Insatisfacible.



5. (P(x, a, g(x,b)), 7P(+14), z, g(f(a),b))/



(63) = X (M(X) 1 7D(X))

1. 44(7((4)- 3x A(x,4))

[(x)M@-(((x)A) (x))] -> M(x)]

3. Vx (D(x) -0 M(x))

4. 4x [(MCX) ADCX)) -0 73 4(7((4) NA(XY))]

5. 3x 7 ((x)

regues la conclusión.

73 x (M(x) 17 D(x))

WY 7 (M(x) 17 D(x)) FNP FNS

VX (7M(x) V D(x)) FNC (4 clausula).

Transformanos en claverias los 5 hipótes s

- 4 ∀y ∃x (7((y) -5 x (x(y))) FND ∀y (7 ((y) - A (((y), y)) FNS ∀y (((y) ∨ A (((y), y))) FNC.
- 2. Ux by (TC(y) NA (xiy) MU)) FNP FNS
 VX by (C(y) V TA(xiy) V M(x)) FNC
 - 3. Vx (D(x) DM(x)) FNO FNS

 Vx (7D(x) VM(x)) FNC
- 4. \(\forall \text{Y} \text{ (M(x) \(\nambda(x)\) = 7 (\forall \text{3} \cap 7 C(\forall)\) \(\text{A} \text{(x/\forall)}\) \(\text{FNP} \text{FNS}\)
 \(\text{V} \text{V} \text{V} \text{(7 M(x) V 7000) V C(\forall)\) \(\text{V} \text{(x/\forall)}\) \(\text{FNC}\).
 - 5. 7 C (a) FNC

17C(a), 7M(x) V TOXX) VC(y) V TA (X/y), TO(X) V M(X),

C(y) V TA (X/y) V M(X), C(y) V A (\$(y), y), 7 M(X) V D(X) γ.

