Dysama A. MC 22 MKP NZ morror Das religio, yo icryo pibro 2 racia, yo o cyusio 4x Cyma y-x KBogpuriBi 3x 3y 3u 3v (xxa yya utu 4 vv=Z) Ber graping in  $V \geq zy)) \wedge x \neq y$ . 10000: 3aneperence 7, 40 icry 1016 pibro gon ruccia + i ll Tour, uno VZ, Z & cycons 4-x Kbaypur 6 rogs Ta Tinous rogi, com zzt año tzd tot d. 5) S= Y((Zvx) = (Y\Z))/(Y\x) Va (a ∈ S ←> (a ∈ Y ) & ¬ (a ∈ Z v a ∈ X))) Ya (a & S <> (a & Y & Ta & Z & Ta & X)) (2) \d Z \frac{1}{2}y (\d x \frac{1}{2}y A(x, y, z) \lambda - 1 \frac{1}{2}x B(x, y)) -> \d x \frac{1}{2}y C(x, y) Yz Iy (Yx Jy, A(x, y, Z) A T Ix, B(x, y)) - Vx, Iy, C(xiy) ∀z ∃y (∀x ∃y, A(x, y, z) Λ ∀x, ¬ B(x, y)) → ∀x, ∃y, C(x, y, ) ∀z ∃y (∀x ∃y, (∀x, (A(x, y, z) Λ ¬ B(x, y)))) → ∀x, ∃y, C(x, y, ) Vz 3y Vx 3y Vx, (A(x, y, 2) 1 7 B(x, y)) -> Vx, 3y, C(x, y)

72 by 7x by 3x, bx 3y, (A(x, y, 2)1 7B(x, y) -> C(x, y) y -> 9 (y, y) by by the (A (fry), y, c) 1 - B(g(y, y, ), y) -> C(x, g(y, y, x\_2)) (3) Hx (P(x) => Q(x)) -> (Yx P(x) -> Hx Q(x)) + Hx (Pa) -> Q(x)) (1) Hx P(x) +> Hx Q(x) + tx P(x) + tx Q(x), +tx (P(x)-> Q(x)) 10/4), # Hx Ph), + Hx (P(x)-> O(x)) 1 Q (y) + P(x) , + tx P(x) + tx (P(x) -> Q(x)) +Q(y) +P(y), +P(y) ->Q(y), + +x P(n) + +x (p(n) -Q(n)) + P(g), + Q(g), + P(g), + /n... + Q(g), + Q(g), + P(g), + &... Burchalou: bijono

Dx = Ex => H = (2e Dx = > 2 e Ex) = > 42 ((2e Dx ) 7 (2e Ex)) & (¬(2e Dx) v 2e Ex) => ←> V2 (((3 Ks Px (2)) + ca Ks) V 73c Ju (Px (a) b 2 to Ka) & & (- (3 kg (Px(2) V + w (43)) V 3d 3 kg (Px(d) b2 + w Kn)) /=> (=> 42 (() ] k, (Px (2) 4 HW Kg)) V # C # (Px (C) \$ 2 HB Kg)) 1 1 ( V K3 ( Px ( 2 ) V ra K3 ) V ( Id Du, (Px (d) 42 ra K4)) ( ) ( ) XXXX Y C XX ((Px (2) V NO K)) V 7 (Px (2) V NO K) ) V 7 1 4 K3 3 Ky ( P 7 (Px (2 ) 6 Hw K3) V (Px (4) L > tw Ky))) (C) (2) V 2 2 K1 VC VK VK3 3d 7Ky (M/Px (2) V Ha Ky) V 7 (Px (c) V 2 My

K2 1) 1 (7 (Px (2) V Ha K3) V (Px (d) V 2 Ma Ky)) DX = EX TED FRITKING HKY Buy nDx + Ex & E Eq 5) Yhrbep cyn - bu unger P(x) - out houthon S(V) - Sjta maxpain RIN - Sym pozymma Ke bei nour in my pail: - Vx (Plx) - S(x)) Bu week par paymon 4x (SG) -> R(V))

