Trununenas. Ki-29. N3. YX (F(x) = 6(x)) = (YX F(x) = YX6(x))  $7 \left( \forall x \left( F(x) \rightarrow b(x) \right) \right) v \left( \forall x F(x) \rightarrow \forall x b(x) \right)$ 7 ( \X (7F(X) V \G(X))) V (7 ( \X F(X)) V \X \G(X)) ∃X (F(X) A 7 6(X)) V (∃X 7 F(X) V ∀X 6(X)) 3x (F(x) 176(x)) V 3x 4y (7F(x) V 6(y)) ]x by ((F(x) A76(x)) v (7F(x) v 6(y))) 7 ( ] x \ y ( ( F(x) \ 7 \ 6 ( x ) ) \ ( \ 7 \ F(x) \ \ 6 ( y ) ) )) 3y 4x(7(F(x)176(x)) 17(7F(x) v6(y))) 3y Yx ((7F(x) V 6(x)) 1 (F(x) 176(y))) YX ((7F(X) VG(X)) NF(X) N7G(F(X))) 8= {7F(x) v6(x), F(x), 76(f(x)) } E = { a, f(a), f(f(a)),... } 1.7F(f(a)) V6(f(a)) d. F(f(a)) 3.76(f(a)) 4 & (f(a)) (1,2) 5. D (3,4)

BineT N21

Hopayaa & comercraction, orme, YX (F(X) -> G(X)) -> ( + F(X) -> + XG(X)) - TOGTOROGUE,