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Mathmatical Egic HW #7

1) ( 2) 3× (L(x) ∧ Vy (5(y) → P(x,y)))
                                                         L(x) = x is Au lecturer
                                                         S(x) = x is the fundant
       # 4 3x (s(x) A Vy(L(y) → P(V,x)))
                                                        P(x,y) = x tending y
           ( ) Jx ( L(x) , Vy ( s(y) → ¬P(x,y))
  (2)
          b) U = currying and people
               C(x) = course at tal college
               s (x) = 9 student
               f(x) = a femble
              P(x,y) = x takes course y
             Yx (c(x) + yy ((sly) x p(y,x)) -> F(y)))
       (d) Uninge = people
            K(x,y) = x Knows y
             3x (∀y (K(x,y)) N 3y ((x ≠y) N 3z(7k (2,y)))
(3) (3) \forall x (\theta(x) \longleftrightarrow \gamma M(x))
                                                           N= bookje
                                                         M(x) = x i \zeta old
      9 3x (7H(X) N 7M(x)) → +x3y (F(x,y))
                                                         pakey 2'x = (x)H
                                                          F(x,y) = x and y are relatively
(Y) (S(x) x ∀y((T(y) x T(x,y)) → 7 f(x,y)))
                                                          U= everything
    (4) Ax (5(x) -> (D(x) -> by ((TLY) , T(x,y)) -> R(x,y))) S(x) = x is a student
                                                          T(x)=x is a test
                                                          P(x) = x is different diligent
                                                          T(x,y) = x has a test y
                                                          R(x,y) = x syccreded in test y
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