Megris anopumuis ma manenamurua 19.06. Mika 2020 Enzamenagiamin Eisem N5 Dougnobarun Cramarab K-28 (2) Dolecmu, 40 -A,B, -C+ (A,B)->C 1. 7(AAB) (za senono 7P,Q+-(PAQ)) 2. (A1B) -> C (za remono -P,Q+(P->Q))

(3) Yx(q -> P(x)) -> (q -> Vx P(x)) -(Vx (g -> P(x)) -> (g -> Vx P(x))= = 7 ( \x (79 vP(x)) -> (79 v \x P(x)))= = 7 (7 x (7 g v P(x)) v (7 g v + x P(x)))= =7(3x7(7gvP(x))v(7gvVxP(x)))= = 7 (7x(9,17(x))v(79, VXP(x)))= = 7 ] x ( 9 1 7 P(x)) 17 ( 7 9 V /x P(x)) = = \x - ( Q \ - P(x)) \ Q \ \ - \forall x P(x) = =  $\forall x (\neg q \lor P(x)) \land q \land \exists x \neg P(x) =$ =  $\forall x \exists y (\neg q \lor P(x)) \land q \land \neg P(y)$  $y \rightarrow f(x)$ Yx (-19 vP(x)), 9 1-1P(f(x))  $S = \{ \neg g \lor P(x), g, \neg P(f(x)) \}$  $E = \{a, f(a), f(f(a)), ...\}$ 1.  $\neg g \lor P(f(a))$ 2. 95 3. P(f(a)) 4. - P(f(a))

Gnépermient, annue apopulyua E malmaionitro.