Иернакова Ванерия, группа 1304 вариант 25

Sagarue (1). NHOP

 $F=(\overline{3x})((\forall y)(P(y) \iff Q(x)) \lor R(c))$

 $F = (\forall x)(\forall y) ((P(y) \rightarrow Q(x))(Q(x) \rightarrow P(y)) \vee R(c))$

F = (4x)(4y) ((P(y) V Q(x)) (Q(x) V P(y)) V R(c))

F= 4x4y (Pry) Q(x) v Pry) Pry) v Q(x) Q(x) Pry) v R(c))

F= XX Yy (Pry) Q(X) V Q(X) Pry) V R(C))

Ombern: $\forall x \forall y (P(y) \overline{Q(x)} \vee Q(x) P(y) \vee R(c))$

3aganue (2).
CHOP

3x Yy 3z Yt (7(7(P(y) Q(x, f(z))) v R(t))) = F

F= 3x Yy 3z Yt (7(P(y) v Q(x, f(z)) v R(t)))

F= 3x Yy 3z Yt (P(y) v Q(x, f(z)) v R(t))

F= 3x Yy 3z Yt (P(y) v Q(x, f(z)) v R(t))

== 8(y)

Yy Yt (P(y) v Q(x, f(z)) v R(t))

Moleon: Yy Yt (P(y) v Q(x, f(g(y))) v R(t))

Moleon: Yy Yt (P(y) v Q(x, f(g(y))) v R(t))

3 agarne (3) 2, 4, 0 90,91,92 hayanshoe kone whoe Earlo; RXXXX 914 > 924R goy > giy R qix > qoy Li y x x x x q.

3aganue (30).

Thurpuranus
$$S = \{Q(y, H(\omega), M(y, K(\delta), H(a))\}$$

$$S = \{\chi, H(a)\} \quad \text{Togernanolica} \quad \chi = H(\omega)$$

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(I(F(Hia))), Hias, M(I(F(Hiar)), K(b), Hias)

(Imbern