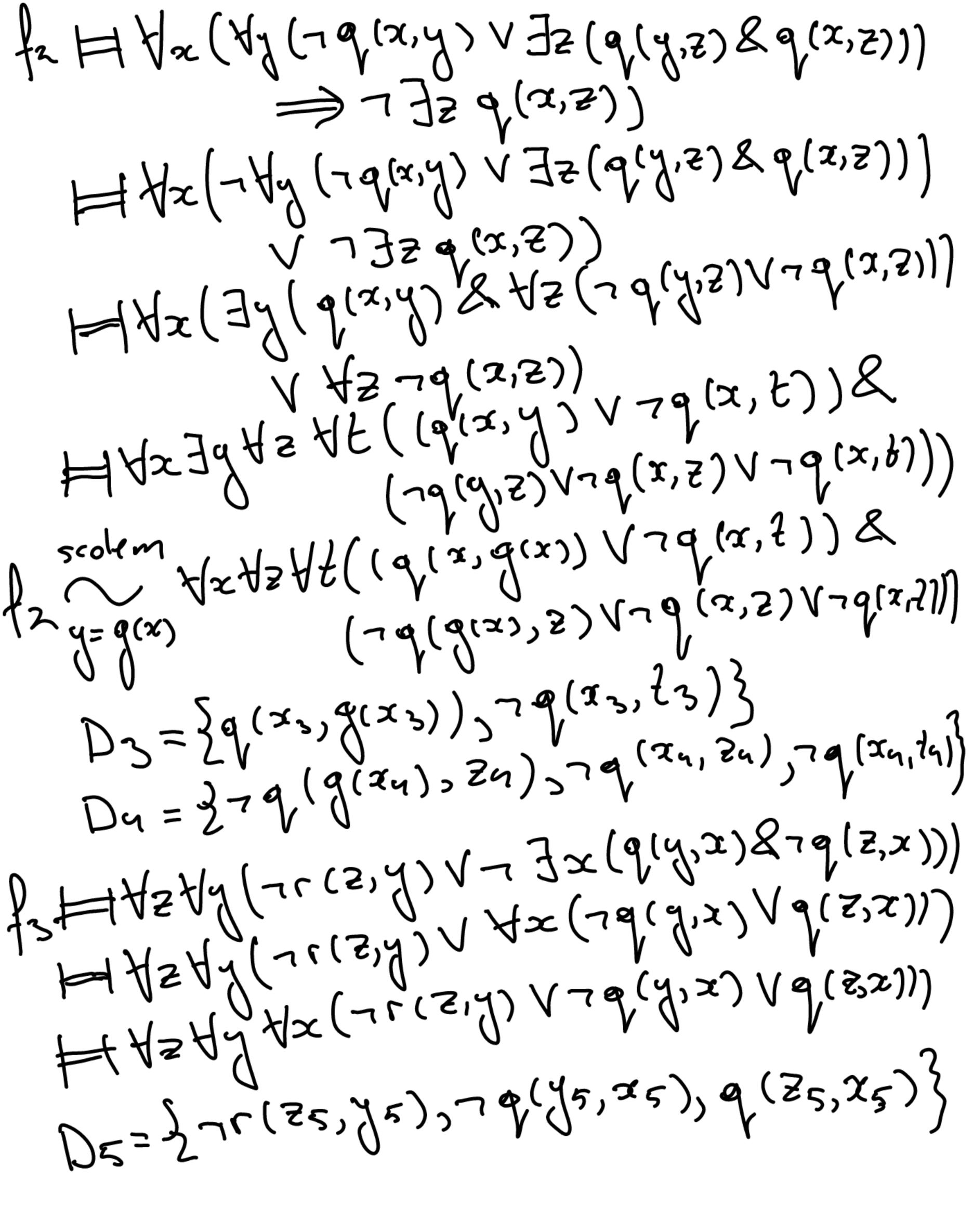
Bapus nue, redfa, 12, 13} = fy, wegess Je: Y2- Yy (q(y,2) =>]= (q(y,2)&7((2,2))) $f_2: \forall x (\forall y (q(x,y) \Rightarrow \exists z (q(y,z) & q(x,z)))$ $\Rightarrow 7 \exists z q(x,z))$ $f_{3}: \forall z \forall y (r(z,y) \Rightarrow 7 \exists x (q(y,x) \& 7 q(z,x)))$ $f_{4}: \forall x \exists y (q(x,x) \Rightarrow \exists z (r(z,y) \& 7 r(z,y)))$ Tuznonskare A =>B # 7 AVB. Torolog Penume:) scolem Ax Az (d(f(x)2x)8(1d(f(x)2))),

11 d=1(x) $D_1 = \frac{2}{3}q(\frac{1}{3}(x_1,x_2))$ $D_{\lambda} = \frac{1}{2} - q(f(x_{\lambda}), e_{\lambda}), (e_{\lambda}, x_{\lambda})^{2}$



 $7f_{4} = 7 \forall x \exists y 7 q(x,x)$ $= 3x \forall y q(x,x)$ $7f_{4} \sim \forall y q(a,a)$ $7f_{4} \sim x = a$ = 3q(a,a)D6=29(a,a)} 1. Hena $6: |x_3=f(x_1)|$, vondon $R_{ab}(D_{a}, D_{b}) = \frac{1}{2}q(f(x_{a}))g(f(x_{a}))$ $D_7 = 29(f(x_7), g(f(x_7)))^3$ 2. Hena 6: $|x_2=x_7|$, novalor $q(f(x_2), 3z) = q(f(x_7)) q(f(x_7)) m$ $Res(D_7,D_2) = \frac{2}{2}(9|f(x_7)), x_7)^{\frac{3}{2}}$ $D_8 = 2 r(q(f(x_8)), x_8)$ 3. Hence $G: |z_5 = q(f(x_8)), rocaba$ $|x_8 = y_5|$ $|x_8 = y_5|$ $|x_8 = y_5|$ $|x_8 = y_5|$ $|x_8 = y_5|$ $D_9 = \frac{3}{7} - 9(30) \times 3) - 9(3(4(30)) - 23)$

4. Hena $G:|f(y_3)=x_1$, ronabar $|x_3=z_4|$ Res (Dg, Dy) = = = 79(95,29),79(x1,24),79(xnty) = をつめ(イマンスマ)つって(もくろう)ってっ) 79(f(ys), 24)} D10=279(y10, x10), 79(f(y10), 20), 79(f(y10), 20) 5. Hena 6: 143=a, ronaler $Res(D_6,D_9) = \{2/(3/4(9)), a)\} = D_{11}$ 6. Hena 6: | In= f(a), ronales Zn= or Res(D(1, Du)=279(f(a),a), 79(f(a), 2y)) $D_{12} = 279(f(a),a)$, 79(f(a), 212)7. $D_{13} = Col(0_{12}) = \frac{5}{2} - 9(f(a), a)^{\frac{3}{2}}$

8. Pres (Dis, Di)=