$$(x^{2} = x \land x = 2) \lor (x! = 2)$$
 $(x^{2} = y - 1)$ 
 $(x^{2} = y - 1)$ 
 $(x^{2} = y - 1)$ 

$$I = there c=1$$

$$G = (c=1 \land g) = x \land x = 2 \land c = 2$$

$$(c=1 \land g) = x \land x = 2 \land c = 2$$

$$(c=2 \land g) = 5 - 1 \land c = 2$$

$$(c=2 \land g > 0 \land c = 3)$$

$$(c=2 \land g < 0 \land c = 4)$$

$$\mathcal{T}(J) = (c_{0} - 1 \wedge y_{1} = x_{0} \wedge x_{0} = 2 \wedge c_{1} = 2) \\
(c_{0} - 1 \wedge x_{0} = 2 \wedge c_{1} = 2) \\
= c_{0} - 1 \wedge c_{1} = 2 \wedge [(y_{1} = x_{0} \wedge x_{0} = 2) \vee (x_{0} = 2)] \\
\mathcal{T}(\mathcal{T}(I) = (c_{0} - 1 \wedge c_{1} = 2 \wedge [(y_{1} = x_{0} + x_{0} + x_{0} = 2) \vee (x_{0} = 2)] \\
\wedge [c_{1} = 2 \wedge y_{1} > 0 \wedge c_{2} = 2) \\
(c_{1} = 2 \wedge y_{1} < 0 \wedge c_{2} = 3) \\
(c_{1} = 2 \wedge y_{1} < 0 \wedge c_{2} = 4)$$

$$\int_{0}^{3}(I) = C_{0} = 1 \wedge C_{1} = 2 \wedge I(y_{1} = x_{0} \wedge x_{0} = 2) \vee (x_{0}! = 2)$$

$$\wedge I(y_{2} = y_{1} = 1 \wedge C_{2} = 2) \vee (y_{1} > 0 \wedge C_{2} = 3) \vee (y_{1} < 0 \wedge C_{3} = 4)$$

$$\wedge I(z_{2} = 2 \wedge I(y_{2} = y_{2} = 1 \wedge C_{3} = 2) \vee (y_{2} > 0 \wedge C_{3} = 3)$$

$$\vee (y_{2} < 0 \neq \wedge C_{3} = 4)$$

$$\mathcal{J}^{4}(I) = c_{0} = 1 \land c_{1} = 2 \land \left[ (y_{1} = x_{0} \land x_{0} = 2) \lor (x_{0}! = 2) \right] \\
\land \left[ (y_{2} = y_{1} \neq 1) \land c_{2} = 2) \land \left[ (y_{3} = y_{2} \neq 1) \land c_{3} = 2 \right] \\
\land \left[ (y_{4} = y_{3} \neq 1) \land c_{4} = 2) \lor (y_{3} > 0 \land c_{4} = 3) \lor (y_{3} < 0 \land c_{4} = 4) \right]$$