Step	Condition	Store
-	$\left(\left(c_{X} \neq F_{o}^{0}\left(F_{o}^{0}\left(c_{\& py}\right)\right)\right) \vee \left(c_{Y} \neq F_{o}^{0}\left(F_{o}^{0}\left(c_{\& px}\right)\right)\right)\right)\right)$	$F_{o}^{0}$
2	$((c_X \neq c_{temp}) \lor (c_Y \neq F_o(F_o(c_{\&px}))))$	$F_{o}^{1} = F_{o}^{0} \left[ F_{o}^{0} \left( \dot{c}_{\&py}  ight) \mapsto c_{temp}  ight]$
က	$((c_X \neq c_{temp}) \vee (c_Y \neq F_o^1(F_o^1(c_{\&pu})))))$	$F_o^2 = F_o^1 \left[ F_o^0 \left( c_{\&py} \right)  ightharpoonup \left( c_{\&px} \right)  ightharpoonup \left( F_o^2 \left( c_{\&py} \right)  ight)  ight]$
4	$\left(\left(c_{X} \neq F_{o}^{2}\left(F_{o}^{2}\left(c_{\&px}\right)\right)\right) \vee \left(c_{Y} \neq F_{o}^{1}\left(F_{o}^{1}\left(c_{\&py}\right)\right)\right)\right)$	$F_{o}^{3} = F_{o}^{2} \left[ F_{o}^{0} \left( c_{kpy}^{c} \right) \to F_{o}^{2} \left( F_{o}^{2} \left( c_{kpx} \right) \right), F_{o}^{1} \left( c_{kpx} \right) \to F_{o}^{1} \left( F_{o}^{1} \left( c_{kpy} \right) \right) \right] \right]$
25	$((c_X \neq F_o^2(F_o^2(c_{\&px}))) \vee (F_o^3(F_o^3(c_{\&py})) \neq F_o^1(F_o^1(c_{\&py}))))$	$F_o^3$
9	$   ((F_3^3(F_3^3(c_{8m_s})) \neq F_2^2(F_2^2(c_{8m_s}))) \rangle \vee (F_3^3(F_3^3(c_{8m_l})) \neq F_1^1(F_1^1(c_{8m_l}))) ) $	$F_3^3$