

Step	Condition	Store
1	$((c_X \neq F_\rho^0(F_\rho^0(c_{\&py}))) \vee (c_Y \neq F_\rho^0(F_\rho^0(c_{\&px}))))$	F_ρ^0
2	$((c_X \neq c_{temp}) \vee (c_Y \neq F_\rho^0(F_\rho^0(c_{\&px}))))$	$F_\rho^1 = F_\rho^0[F_\rho^0(c_{\&py})] \mapsto c_{temp}$
3	$((c_X \neq c_{temp}) \vee (c_Y \neq F_\rho^1(F_\rho^1(c_{\&py}))))$	$F_\rho^1 = F_\rho^1[F_\rho^0(c_{\&py})] \mapsto c_{temp}, F_\rho^1(c_{\&px}) \mapsto F_\rho^2(F_\rho^2(c_{\&py})))$
4	$((c_X \neq F_\rho^2(F_\rho^2(c_{\&px}))) \vee (c_Y \neq F_\rho^1(F_\rho^1(c_{\&py}))))$	$F_\rho^2 = F_\rho^2[F_\rho^0(c_{\&py})] \mapsto F_\rho^2(F_\rho^2(c_{\&px})), F_\rho^1(c_{\&px}) \mapsto F_\rho^1(F_\rho^1(c_{\&py})))$
5	$((c_X \neq F_\rho^2(F_\rho^2(c_{\&px}))) \vee (F_\rho^3(F_\rho^3(c_{\&py})) \neq F_\rho^1(F_\rho^1(c_{\&py}))))$	F_ρ^3
6	$((F_\rho^3(F_\rho^3(c_{\&px}))) \neq F_\rho^2(F_\rho^2(c_{\&px}))) \vee (F_\rho^3(F_\rho^3(c_{\&py}))) \neq F_\rho^1(F_\rho^1(c_{\&py}))))$	F_ρ^3