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