



Rule 1 $\rho_i \leftrightarrow \rho_j$ (not allowed)

Rule 2 $\rho_i = k\rho_i$ for some $k \neq 0$

Rule 3 $\rho_i = \rho_i + k\rho_j$



(\mathbb{Z}_2, \oplus)	0	1
0	0	1
1	1	0

XOR ^	F	T
F	F	T
T	T	F