

G_F	G_H	S	P	$\overline{G_F} + G_H$	$S + P$	$\overline{P} + G_H$	$\overline{G_F} + \overline{S} + \overline{P}$	$f(G_F, G_H, S, P)$
0	0	0	0	1	0	1	1	0
0	0	0	1	1	1	0	1	0
0	0	1	0	1	1	1	1	1
0	0	1	1	1	1	0	1	0
0	1	0	0	1	0	1	1	0
0	1	0	1	1	1	1	1	1
0	1	1	0	1	1	1	1	1
0	1	1	1	1	1	1	1	1
1	0	0	0	0	0	1	1	0
1	0	0	1	0	1	0	1	0
1	0	1	0	0	1	1	1	0
1	0	1	1	0	1	0	0	0
1	1	0	0	1	0	1	1	0
1	1	0	1	1	1	1	1	1
1	1	1	0	1	1	1	1	1
1	1	1	1	1	1	1	0	0

A	S	D	F	$f(A, S, D, F)$	Q	W	E	R	$f(Q, W, E, R)$
0	0	0	0	1	0	0	0	0	0
0	0	0	1	1	0	0	0	1	0
0	0	1	0	1	0	0	1	0	1
0	0	1	1	1	0	0	1	1	0
0	1	0	0	1	0	1	0	0	0
0	1	0	1	1	0	1	0	1	1
0	1	1	0	1	0	1	1	0	1
0	1	1	1	1	0	1	1	1	1
1	0	0	0	0	1	0	0	0	0
1	0	0	1	0	1	0	0	1	0
1	0	1	0	0	1	0	1	0	0
1	0	1	1	0	1	0	1	1	0
1	1	0	0	1	1	1	0	0	0
1	1	0	1	1	1	1	0	1	1
1	1	1	0	1	1	1	1	0	1
1	1	1	1	1	1	1	1	1	0