

	F_A	F_B	F_C	F_D	F_E	F_F	F_G	F_H
00	0	1	1	0	0	0	0	0
01	1	1	0	1	1	0	1	
10	1	1	1	1	0	0	1	
11	0	0	1	0	0	1	1	

$F_A \neq F_D$

$x'y \neq xy'$

F_B

$x'y' + x'y + xy' = x'(y' + y) = x' + xy'$

F_C

$x'y' + xy' + xy \Rightarrow x + x'y'$

F_E
 $x'y$

$\bar{F}_F = xy$

$F_G = x + y$