

	S1'		S1		
	0	0	1	1	S3'
S2'	0	0	1	1	
					S3
S2	1	1	1	1	
					S3'
	0	1	1	1	
	S4'	S4	S4'		

$$F(S1, S1, S3, S4) = S1 + S2.S3 + S2.S4$$