

問題 5

		X1			
		0	0	1	1
X3	X4	X2			
	0	1	1	0	
0	0	1	1	1	1
0	1	1	0	1	1
1	1	1	1	0	1
1	0	0	1	0	0

$\sim x_3 \cdot \sim x_4$
 $x_1 \cdot \sim x_3$
 $\sim x_2 \cdot x_4$
 $\sim x_1 \cdot x_2 \cdot x_3$

$\sim x_3 \cdot \sim x_4 \vee x_1 \cdot \sim x_3 \vee \sim x_2 \cdot x_4 \vee \sim x_1 \cdot x_2 \cdot x_3$

問題 6

		X1			
		0	0	1	1
X3	X4	X2			
	0	1	1	0	
0	0	1	1	1	1
0	1	1	1	1	1
1	1	1	0	1	1
1	0	1	0	0	1

$\sim x_2$
 $x_1 \cdot x_4$
 $\sim x_3$

$\sim x_2 \vee \sim x_3 \vee x_1 \cdot x_4$

問題 7

		X1			
		0	0	1	1
X3	X4	X2			
	0	1	1	0	
0	0	0	1	1	1
0	1	1	1	1	1
1	1	1	1	0	1
1	0	1	1	0	0

$x_2 \cdot \sim x_3$
 $x_1 \cdot \sim x_3$
 $\sim x_2 \cdot x_4$
 $\sim x_1 \cdot x_3$

$x_2 \cdot \sim x_3 \vee x_1 \cdot \sim x_3 \vee \sim x_2 \cdot x_4 \vee \sim x_1 \cdot x_3$