证解解证言 CH4

A. P85 (a) F = \(\text{m (0, 6, 7)} + \(\text{d (1, 5)} \) = ABC+ABC+ABC+ABC = AB(C+C) + AB(C+C)

(b) G = ∑ m (1,3,5,7) + ∑ d(2,6)

= ABC + ABC + ABC + ABC + ABC + ABC

= AC(B+B) + AC(B+B)

= AC+AC = C#

4.13

A	13	C	∇	7
0	O	0	O	1
0	0	O	/	/
0	0	1	0	0
0	0	1	1	0
0	1	0	D	0
0	1	0	/	0
0	1	1	0	0
0	1	1	1	1
1	0	O	0	/
	0	0	1	O.
1	0	1	O	0
1	0	1	1	0
-	.1 .	0	0	0
	,	0	1	0
1	,	1	0	1
ť	(1	1	1

$$f = \sum (0,1,7,8,14,75)$$
= $ABCD + ABCD + ABCD$
+ $ABCD + ABCD$
= $BCD + ABCD$
= $BCD + ABCD$
= $BCD + ABCD$
= $BCD + ABCD$

= ABC + ABC + BCO + BCO +

(a)
$$f = \sum m(2, 4, 7, 11, 14)$$

+ $\sum d(0, 3, 5, 6, 9, 10, 12, 15)$

(b)
$$f = TIM(1,8,13) \cdot TID(0,3,5,6,9,10,12,15)$$

$$f(a, b, c) = a(b+c') = ab+ac' = ab(c+c')+ac'(b+b')$$

= $abc+abc'+abc'+abc' = abc+abc'+ab'c'$

4.35

	, ,				10
	A	В	C	D	XYZ
O	0	0	0	0	0 0 0
1	0	0	0	1	0 0 1
د	0	0	1	0	0 0 1
3	0	0	1	1	0 10
4567890	0000	1	0011	0 1	0 0 1 0 0 1 0 0 1 1
890112345	11111	0000	00110011	0 1 0 1 0 1	0 0 1 0 0 0 1 1 0 0 0 1 1 0 0 0 1 1 1 0 0

(a)
$$X = \sum m(15) = m_{15}$$

 $Y = \sum m(3, 5, 6, 7, 9, 10, 11, 12, 13, 14)$
 $Z = \sum m(1, 2, 4, 7, 8, 11, 13, 14)$

(b)
$$Y = \pi M(0, 1, 2, 4, 8, 15)$$

 $Z = \pi M(0, 3, 5, 6, 9, 10, 12, 15)$