1) 
$$f(x,y,z) = \sum_{i=1}^{n} (1_{i}3_{i}^{n}i)$$
 $f(x,y,z) = \sum_{i=1}^{n} (1_{i}3_{i}^{n}i)$ 
 $f(x,z) = \sum_{i=1}^{n} (1_{i}3_{i}i)$ 
 $f$ 

$$(y)$$
  $f(x,y,z) = \sum_{i=1}^{n} (0,1,3,5)$ 

$$\frac{d}{d} = \frac{1}{(x,y,z)} = \frac$$

F(x,y,z) = TIM(3,5,7)

d) 
$$F(x,y,z) = \prod M(0,\lambda,3,7)$$

x y z s

0 0 0 0 0 (x+y+z) \cdot(x+y+z).

1 0 0 1 1 (x+y+z) \cdot(x+y+z).

2 0 1 0 0 1 xy 0 1

3 0 1 1 0 - z

4 1 0 0 1 xy 0 1

5 1 0 1 1 0 0 0

(xx) \cdot(\frac{1}{2}\) \cdo(\frac{1}{2}\) \cdo(\frac{1}{2}\) \cdo(\frac{1}{2}\) \cdo(\frac{1}{2}\) \cdo(\fr

3) (x, y, w, z) = [ [1,2,3,7,13,15]

WZ

00 01 11 1 1 

XWZ + YWZ + xyz + xyz

f(x,y,w,z)= 2 m(9,1,2,3,5,8,9,13)

Xy 00 01 11 10 00 1 1 1 1

xy + ywz + xyw

055555500005500055 F(x, y, w, z)=TIM(2,6,8,13) (y+ w+ 2). (y+ w+ 2). (x+y+5)

xy = 00 = 01 = 11 = 10

c) f(x,y,w,z) = TM(8,9,11,13,15)

(x+7) - (x+y+7)

0001999666066666666 e) f(x, y, w, z)=TIM(4,6,7,8,12,12) WZ (x+y+7) + (x+y+z) · (x+y+w)· (x+y+w)

/ /

5)		X	9	WZ	5	
• )	0	9			0 0-	
	1	Q	9	9	0 -	
	2	0	9	1 Q	,e90s	
	3		0	1	0 -	
	4		august	0 9	0-	
	5	0	1	9 /	0	
	6	0		1 9	0	
	77	0		1 1	Q	
	8	ŧ	0	9 9	· my	
	9	1	0	0 1	O. C.	
	to	1		1 9	1	
	41	1	0	1 1	l	
	1-2	1	4	9 0	l	
		1	1	0 1		
	14	- (	1	1 0	1	
	15	1	1	1 1	0	
	- 0	-	£.	£ ¥		

Xy 00 01 11 10 00 0 0 0 01 0 0 0

 $(x + x) \cdot (x + \underline{\alpha})$