$$3)$$
 3.1 $S(\times, \times, <)$

$$b) = \sum (3,5,6) (1,4,7)$$

$$S(x,7,2) \approx x + 2$$

$$\begin{array}{c} (a_{1}b_{1}c_{1}d) = T & (0,1,2,3,10,15(6,11,12,14)) \\ (a_{1}b_{1}c_{1}d) = T & (0,1,2,3,10,15(6,11,12,14)) \\ (a_{1}b_{1}c_{1}d) = T & (a_{1}b_{1}c_{1}d) = T \\ (a_{1}b_{1}c_{1}d) = T \\ (a_{1}b_{1}c_{1}d) = T & (a_{1}b_{1}c_{1}d) = T \\ (a_{$$

$$h(a,b,c,d) = (a+b) \cdot (a'+c')$$

$$d) \quad \mathcal{J}(a_{1}b_{1}c_{1}d) = b'(u'+a') + a.c' + a'b'.(c+d)$$

$$= a' \cdot b' + b \cdot d' + a.c' + a' \cdot b' \cdot c + a' \cdot b' \cdot d$$

$$(60--) (-0-0) (7-0-) (001-) (000-1)$$

cd					\\
ap/	00	0 1	11	70	/ a' · b'
00		1	1	7	b -d'
01	0	0	0	0	g(a,b,c,d)=a.c'+ b'd'+a'b
11	A	1	0	0	
10	1	1	Ó	(1	
			a · c'	`\	

