

crientialea & WH

27 a) X Y X. Y replace all 0's X Y (8.4)
by 1s 11
or and vice por
100 versa 01.
11 1 1000
TOO - X (3) =
XY X+Y replace X Y (x+4)P
000
01 1000
10 1 018 (0
11 1 7-1 6000
N.Y
b) x y xy replace x y (xy)°
() 23 0) (R + 1912) = X + 199) = 1X + 0 0 voex)
011 (220042110) 5=0
101
N+V
N+Y
X Y X+Y replace (X+Y)P
000
01011
100
ΧŸ
C) X Y X XOR Y replace X Y (X XOR Y)
C) X Y X XOR Y replace X Y (X XOR Y)
X XNOR Y

TUI	X XNORY	replace X Y	(X XNORY)
	1	11.	
01		( 0	
10	٥	O I	
11		00	
		X X	
H E ANST			
di) xor	+ XNOR = 1		ч
	XNOR = D		
		Y) XOR+ XNOR	XUR XNOR
00	0 1	1	. 0
01	1 6	t 🗴	0
10	1 0	1	0
11	0	1	0.
		7 27 19.1	
AD -			
OR-	2 2 5 5		
		+ = (x+4)(x+9)	)
	= x x + x	7+87+49	)
		7+87+49	
	= x x + x	7+87+49	)
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