



	Grand 1 1)				1	100	and sank to	
- 6	Present CNS		(क्रा)	) [CNS+8/P)		on all I when		
		State 0		1				
	-	A (B,0)		(E,0)				
	В			(C,0)		(0,	Cli	
	1-A-LEV			(F, 0)		(0)	State table	-
	+	C		D.1)		1,0)	for odd panty	**************************************
~1	ans of			(G, 0)		),1)	generator.	
-	1	0		B.0)	1	(E.O)	20 010	
	-	G	1531	B,0)	1 (	E, 0)	10 - 0. 10 110	
300	1	t low	2 300	4 4	alcho		00 00 1	
19	147	Input	ed eine	too do	chale	2222	20 00 101	
	resert		next	0		1	011	
6.		State	11 state	out put	NCX+ State	Output	120 1200	
1		OIAI	B	0	E	0		6A
A	4	B	C	0	F	0	Transition and	D-00
		C	F	0	C	0	Output table.	-
4	0.00	F	D	01	G	00	ob X my	
		D	9	0	D	01	Molo	
		G.	8	0	*E	0		2
	1	1	8	0	臣	0,	1/2/2	7
		1		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1			200	1
	14	N SW					" 00 G	1
If we consider the three input his as x,y,z								
2 00 01 11 10								
K-map. 0 2 0 1 0 P= \$ x ⊕ y ⊕ Z								
	2010 (XNOR)							
-	NO TOP							
		•				)-	10-	
				2	71		NOT	
		B. C. San		7/2007			No.1	

Page C

Exc	. 1				11-	
CVC	110	hon	and the same	9	DIE	•
	S. Commission of the last of t					

1	Present State	Next State	Input	output:			
1	A	• B	0	0			
+	A	E	16	0			
+	В	C	0	0			
	В .	F		0			
+	C	0	0	01	Francisco and a second		
+	·: C	6	5 1	0			
+	D .	8	0	0			
+	P	E Wind		0			
+		F		0			
-	ŧ		0				
-	E	C		0			
	F.	G	0	0			
	F	0		01	i i i		
	6	B	0	0			
	G	E	L	0			

Logic: If input is 1 or 0 at state D, then putput is 1

(where D=1 if currently at state D)

othermice P=0

A=D=Gr.

C=B:in+E:in.

 $B = A \cdot in + (D+G)in$   $F = B \cdot in + E \cdot in$ 

E = A. int (D+G) in G= Cint Fin

D = C.'In + F. In.

A = (B+C+D+E+F) · in

p= C.in + F. in

