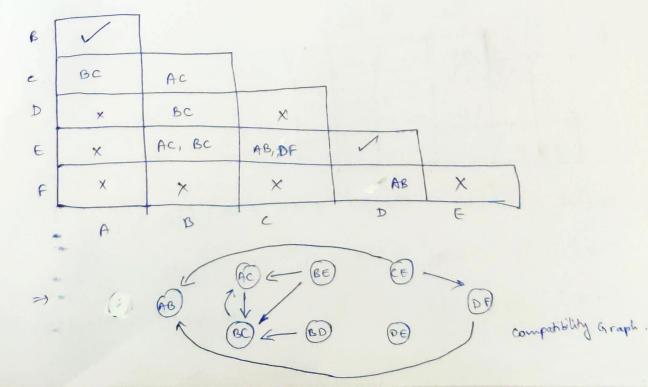
(1)	
-		
	0)

PS			NS, 2	
	I	I ₂	I ₃	Iq
^	3,0	-1-	-,-	€,1
B	A,0	c, _	-,-	-,-
C	C,0	A, 1	D, 1	€, -
D	-1-	B, -	-,-	A, -
E	C1 -	B, 1	F	-,0
F	F, I	A, -	E, -	B, 0

Kaushal Bankis 190510039

AB, CC, EE				
BC, AA, DD, EE	AC, DD, EE			
BB , AE	AA, BC	CC, AB , DD, EA		
×	AC, BC, FF	CC, AB, DF, CE	CC, GB, FF, AA	
*	×		FF, AB, GE	
A	В	C	D	£



closed set of compatibilities

C. D. E. F	
16,1	6
BC DF AR	-
DC	5
	, DF, AB

case 2 has a clique and can be minimized to cost 3. But we are toking case 3

of Reduced FSM

PS		INS,	Output		
Members	& Symbo	1 3,	Iz	II3	Iu
CE	β	8,0 B,0	711	B.1	β.1
DE	~	8, 1		8,1	F.0
			9,1	B,1	9,1

<u>*</u>		PS		Iq	-	- 1.1
5	So	S,	00	Front	1	1
lar i	0	0	00,0	101	10	11
B	0	1		01,1		-
,			614,0	00,1	10,1	01,0
8	19	0	10,1	00,1		

Si next =
$$(s_0)'(s_1)'(i_1) + (s_1)(i_0)'(i_1)' + (s_1)'(i_0)(i_1)' + (s_0)'(i_0)(i_1)$$

									(3)
50	SI	10	i,	Sonent	Sinext	JA	KA	JB	¥B.
O	0	0	0	0	0	0		1	
0	0	0		0	1	0	×	6	*
0	0	4	1			0	×	(×
0	0	•	0	0	1			1	X.
0	1	,	1	0	1	0	×	1	×
0		0	0	0	1	0	*	×	0
	1	O	1			0	*		
0	1	1	0	0	0			*	I
0	1	1	1	1	0	1	x	X	1
1	O	0		0	1	8	×	×	D
1	0	0	0	,	0	×	0	-	
1	0		1	0	0	×	1	0	*
1	0	1	0	0	1	×	1	0	X
1	U	1	1		ь	×		1	×
		0	0	1			0	D	X
1	1	0	1	×	*	*	7	×	
1	1	,	0	×	×	×	*	×	X
1	1	,	1	X	×	*	X	1	1
	1	1		×	*	>	1		X
						1	+	K	×
							1	J	