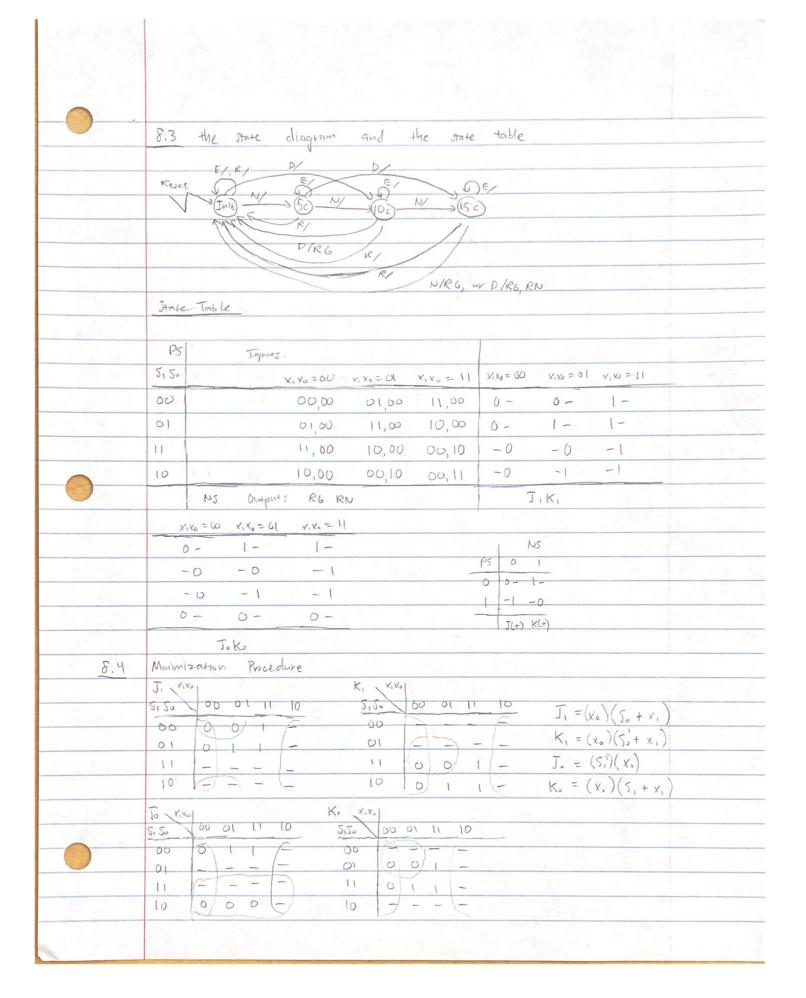
PG7 Joshua Liu (105136031) Cody Fan (205102002)

	8.1 Inputs, Outputs, and states of the	system
	Inputs: Outputs	: 32
	Refet:	Release Gum (RG):
	{ True (T), False (F) }	{ T, F }
- No. all	Coin:	Return Nichel (RN):
	{ Empty (E), Nickel (N), Dime (D)}	{ ७, ╒ }
315		
A THE	States: Init initial	
	5c amount deposited is 5 cents	A Maria Control of the Control
	10 c amount departed is 10 cent	s
The state of	15 c amount deposited is 15 cent	v.
	8.2 Encoding schemes of imputs, outputs, and	states,
	Inputs: Reset & Coln xixo	
	False 0 Empty (E) 00	
	True 1 Nickel (N) 01	
	Dime (D) 11	
-		
	Outputs: RG Z, RN Z.	
	False O False O	
	True 1 True 1	
	States: State Siso	
	Init 00	
	50 01	
	100 11	
	152 10	
14.		



	[10] 10 - 10 - 10 - 10 - 10 - 10 - 10 - 1	
	Outputs	
	RG RN	
	5,50 00 61 11 10 5,50 00 61 11 10	
1 1 1 41	00 000000000000000000000000000000000000	
	01 000 0 01 000	1 100
	10 0 1 - 10 000	
	10)11 = 1001-	
	RG = xo S, (S'+x,) RN = x, 5'S,	
	KO - XP 2' (2" + X') KD - X')° 2'	
1	85 First State of the state of t	
	8.5 Final minimal expressions and schematic \leftarrow next page, $\overline{J}_1 = (x_*)(S_0 + x_1)$	
	$K_{i} = (x_{i})(S_{i}' + x_{i})$	
17.2	J. = (5,')(x)	
	$K_0 = (x_0)(S_1 + x_1)$	
	RG = x. S. (5, +x.)	
	Rn = x, 2, 5,	
100		
7 13 15		100
31 × 24		
Carl I		