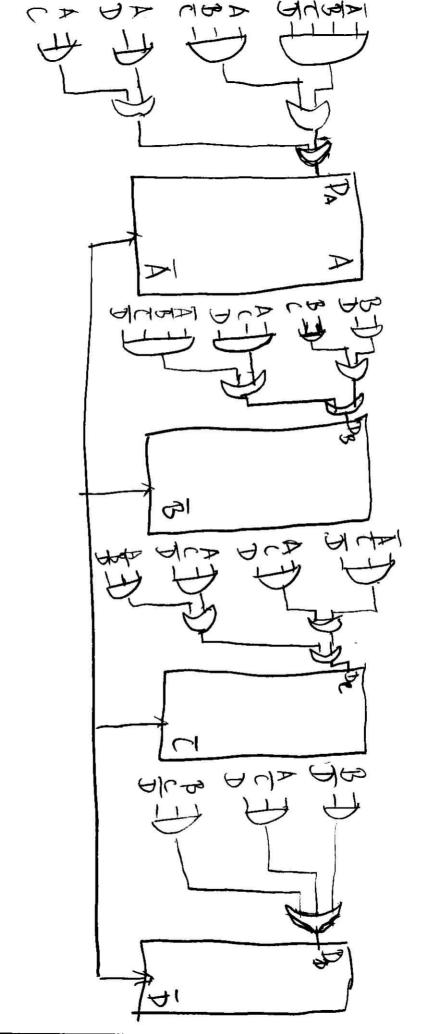
Roland Carter CSC 376 Chapter 11

Part	t	Present state	Next State
	a	bcd	ab c d
$q^{-}$		0 0	1 0 0 0
8	1	0 0 0	0 1 1 0
7	0	1 1 1	0101 Corry for the it up missingnment it up
6	0	1 10	0 1 0 1 Sorry for ment of must up
5	O	1 0 1	0100
4	0	1 0 0	0011
3	0	0 1 1	0,010
2	0	0 1 0	0001
2	0	0 0 1	0000
0	0	0 0 0	1010
10		0 1 0	1011
11	1	0 1 1	1 0 0 1
12	1	100	1 0 -0 1
	1		I

$$D_B = BD + BC + ACD + ABCD$$



Part II

		-,							1		i i							
	Å,	A	)	$\mathcal{B}_{1}$	B	0	10	۷,	(	રે	1	$R_{i}$	T	20		E		
-	0	0		0		Ò		X		_X	A	X		X	-4	1		_
	D	0	)	0				0	0			$\mathcal{C}$		0				_
	0	E	)	1		0		Ð		0		0		0		0		
	0	Ĝ	)	1				C	)	0		Ø		6	)	0	)	
	0		\	0		0			<		X	X	$\leftarrow$	X	4		) 7	
اسين.	0		l	D		TI		J	)			9	0					r
\$	0	+	1	1		0		0	)	1	)		Ø				0	7
19	0		1	1		1		Î	0	3	)		0				0	
-	Ī	$\dagger$	0	1	0	1	)		X		χ	)	1	Х	(		<u> </u>	<del></del>
	<u>`</u>	1	0		0		1				0		O	7	7		0	)
	Ì		0	-	1	-	0	1	0	1			0	5	)		0_	
	<u> </u>		0	1	-	1	1	1	0		0				)_		0	7
	<u>;</u>		, and a	-	0	-	0	1	X		X		X		χ_			
	<u> </u>				0		1				]		0		$\mathcal{O}$		0	- 22
	<u> </u>			l	1		0		0				6		1	, in the second	0	
	-						١		0		1		7	)	0		0	
																\		

Q18	.Bo		,	. •	
CO.	00	07	1	10	
3/2	X	9	0	0	
11	<del>X</del>	11	2	0	
'1	1x		0	10	
10	X	1	9	12	
	'		1	ļ	

$$P_2 = \overline{A_1} A_0 B_1 + A_0 B_1 B_0$$

$$Q_i$$
  $A_i$   $Q_i$   $B_i$ 

$$Q_0$$
,  $A_0$ ,

