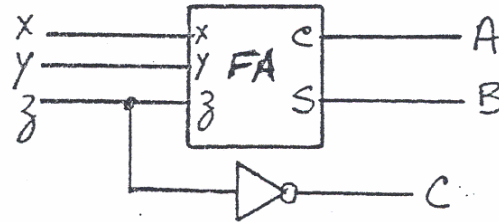
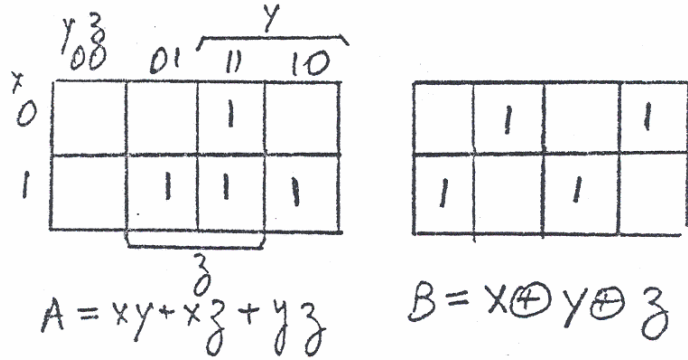


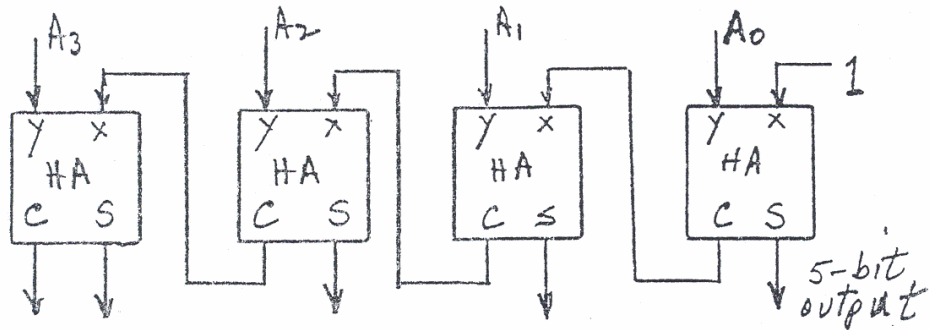
4-5

inputs			outputs		
x	y	z	A	B	C
0	0	0	0	0	1
0	0	1	0	1	0
0	1	0	0	1	1
0	1	1	1	0	0
1	0	0	0	1	1
1	0	1	1	0	0
1	1	0	1	0	1
1	1	1	1	1	0



4-6

4-11

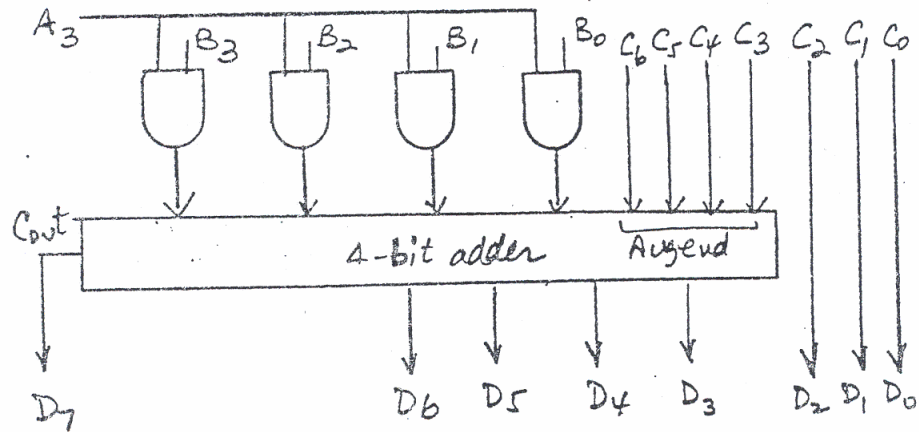


4-13

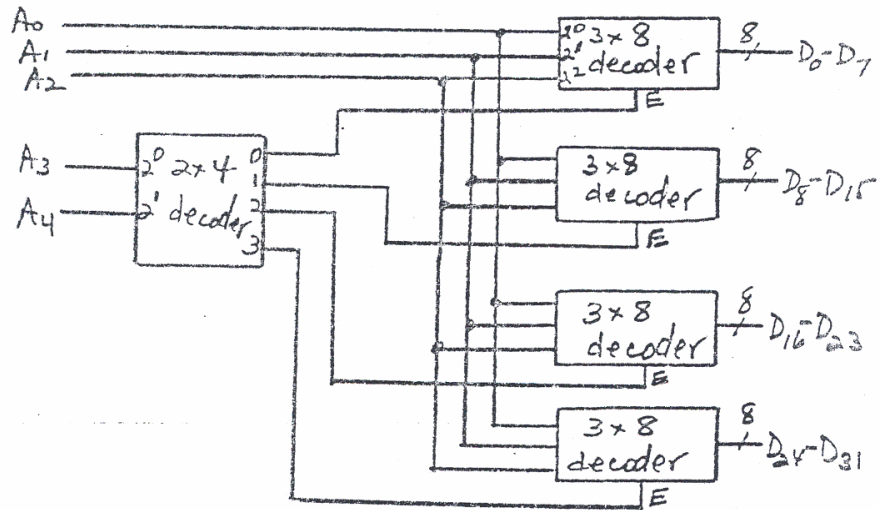
	SUM	C	V
(a)	1101	0	1
(b)	0001	1	1
(c)	0100	1	0
(d)	1011	0	1
(e)	1111	0	0

4-20

Add to the circuit of Figure 4-16 the following:

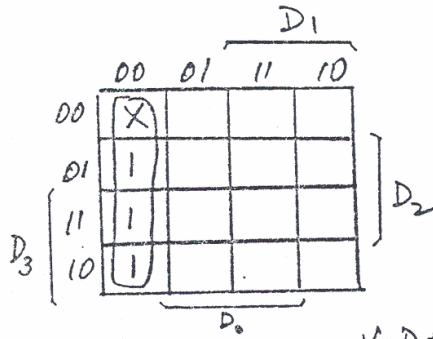
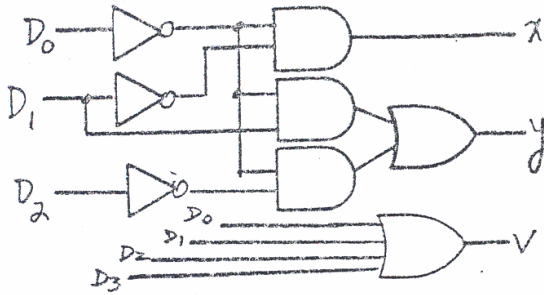


4-25



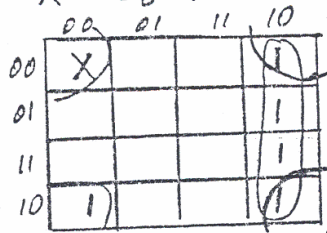
4-29

Inputs				Outputs		
D_3	D_2	D_1	D_0	x	y	V
0	0	0	0	x	x	0
x	x	x	1	0	0	1
x	x	1	0	0	1	1
x	1	0	0	1	0	1
1	0	0	0	1	1	1



$$V = D_0 + D_1 + D_2 + D_3$$

$$X = D_0' D_1'$$



$$Y = D_0' D_1 + D_0' D_2'$$