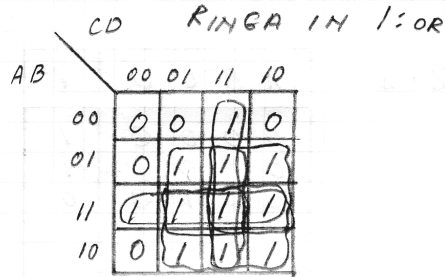


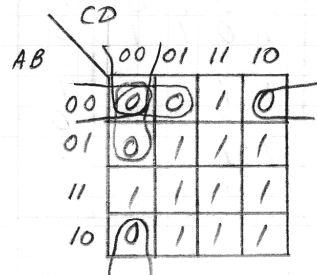
2-5

A	B	C	D	Y
0	0	0	0	0
0	0	0	1	0
0	0	1	0	0
0	0	1	1	1
0	1	0	0	0
0	1	0	1	1
0	1	1	0	1
0	1	1	1	1
1	0	0	0	0
1	0	0	1	1
1	0	1	0	1
1	0	1	1	1
1	1	0	0	1
1	1	0	1	1
1	1	1	0	1
1	1	1	1	1



$$Y = AB + AD + BD + AC + BC + CD$$

ALT. RINGA IN 0:OR



$$\bar{Y} = \bar{A}\bar{B}\bar{C} + \bar{A}\bar{C}\bar{D} + \bar{B}\bar{C}\bar{D} + \bar{A}\bar{B}\bar{D}$$

$$Y = \overline{\bar{A}\bar{B}\bar{C} + \bar{A}\bar{C}\bar{D} + \bar{B}\bar{C}\bar{D} + \bar{A}\bar{B}\bar{D}}$$

$$Y = \overline{\bar{A}\bar{B}\bar{C}} \cdot \overline{\bar{A}\bar{C}\bar{D}} \cdot \overline{\bar{B}\bar{C}\bar{D}} \cdot \overline{\bar{A}\bar{B}\bar{D}}$$

$$\rightarrow Y = (A+B+C)(A+C+D)(B+C+D)(A+B+D)$$

GER MINST ANTAL GRINDAR

