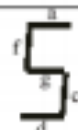
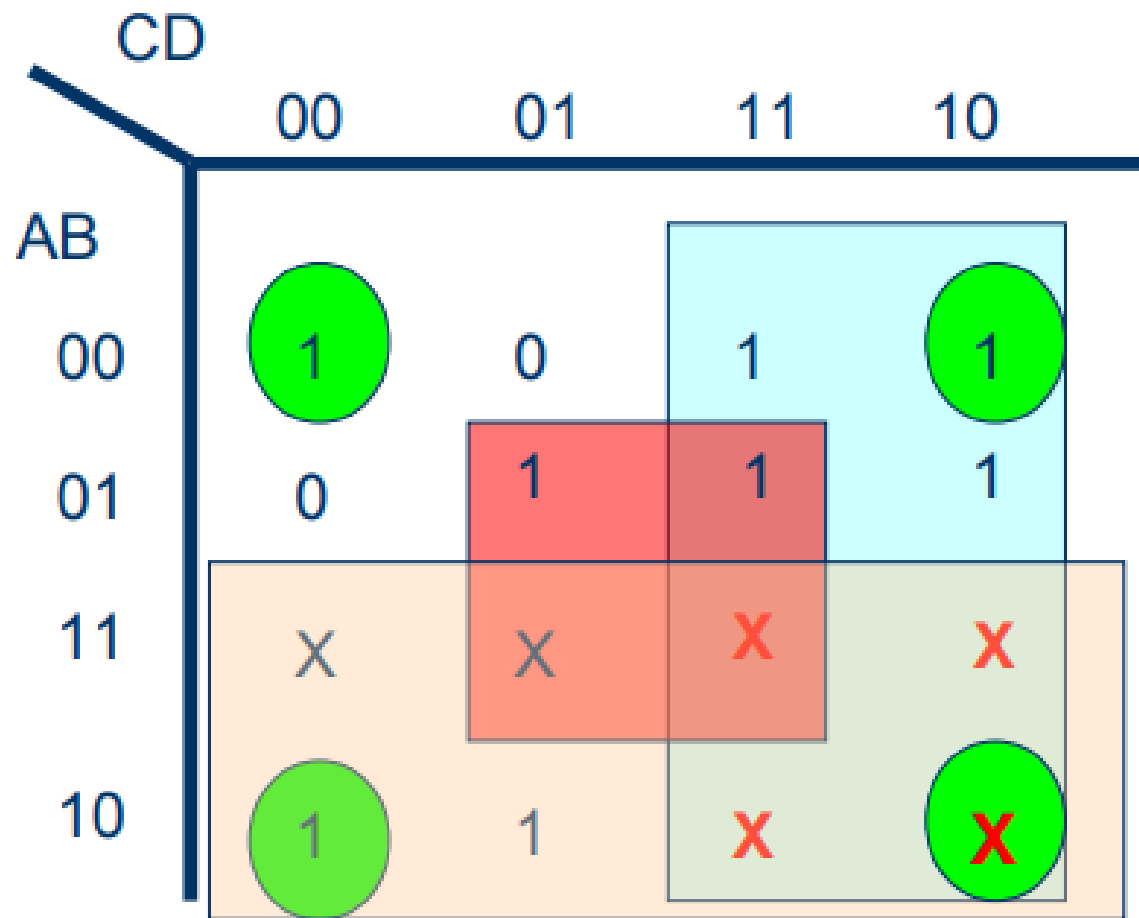


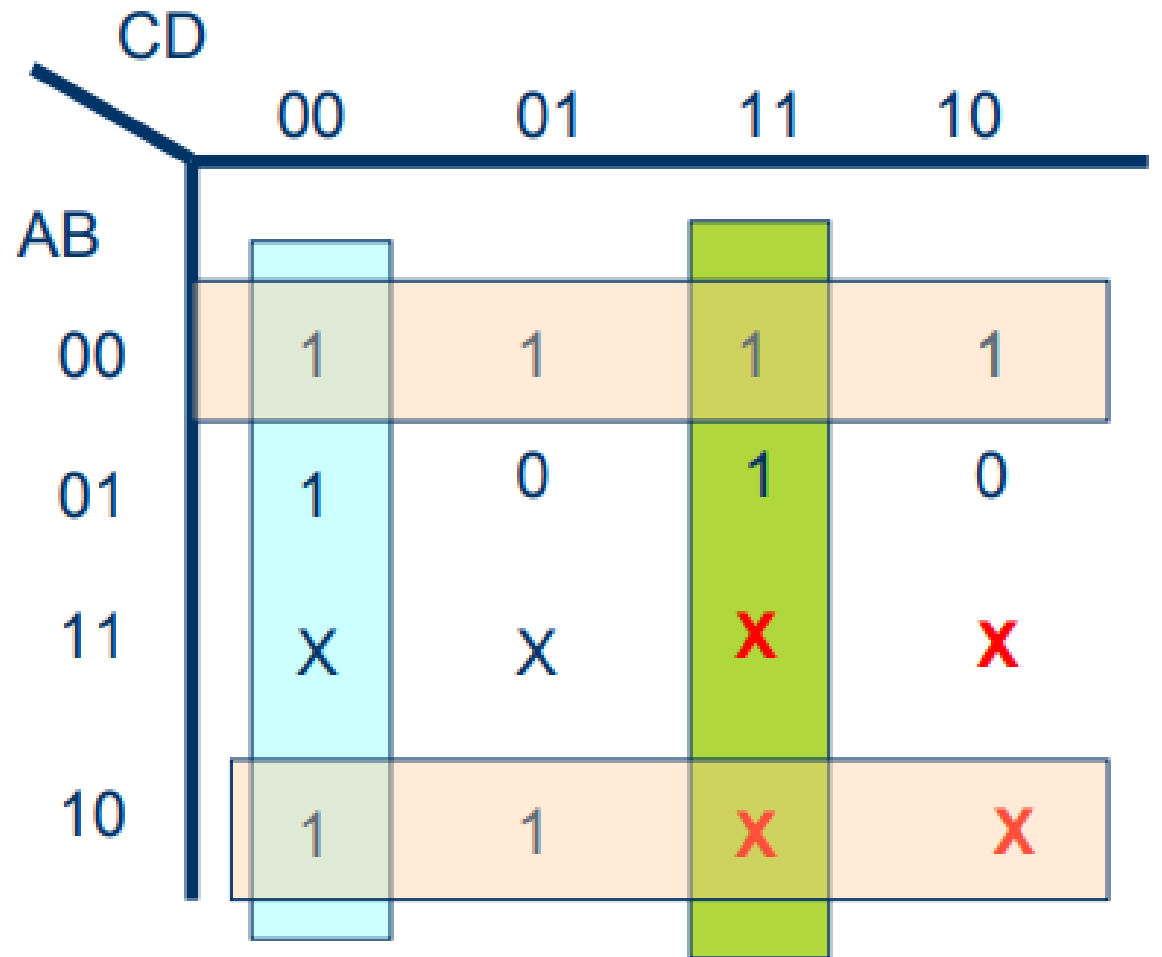
DECODIFICADOR BCD 8421 PARA DISPLAY DE 7 SEGMENTOS

Caracteres	Display	BCD 8421				Código para 7 segmentos						
		A	B	C	D	a	b	c	d	e	f	g
0		0	0	0	0	1	1	1	1	1	1	0
1		0	0	0	1	0	1	1	0	0	0	0
2		0	0	1	0	1	1	0	1	1	0	1
3		0	0	1	1	1	1	1	1	0	0	1
4		0	1	0	0	0	1	1	0	0	1	1
5		0	1	0	1	1	0	1	1	0	1	1
6		0	1	1	0	1	0	1	1	1	1	1
7		0	1	1	1	1	1	1	0	0	0	0
8		1	0	0	0	1	1	1	1	1	1	1
9		1	0	0	1	1	1	1	1	0	1	1



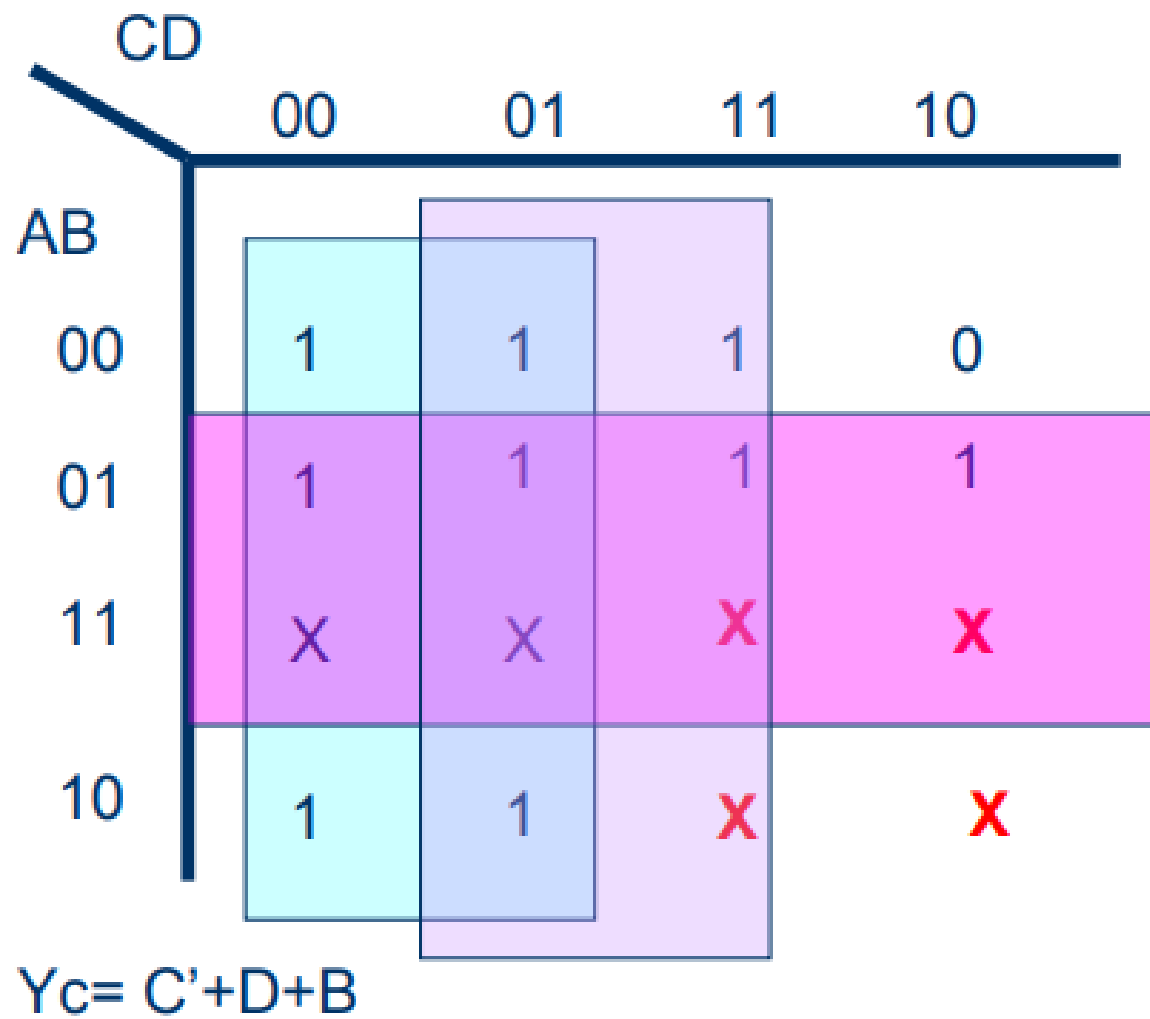
$$Y_a = A + C + BD + B'D'$$

$$Y_a = A + C + B \odot D$$

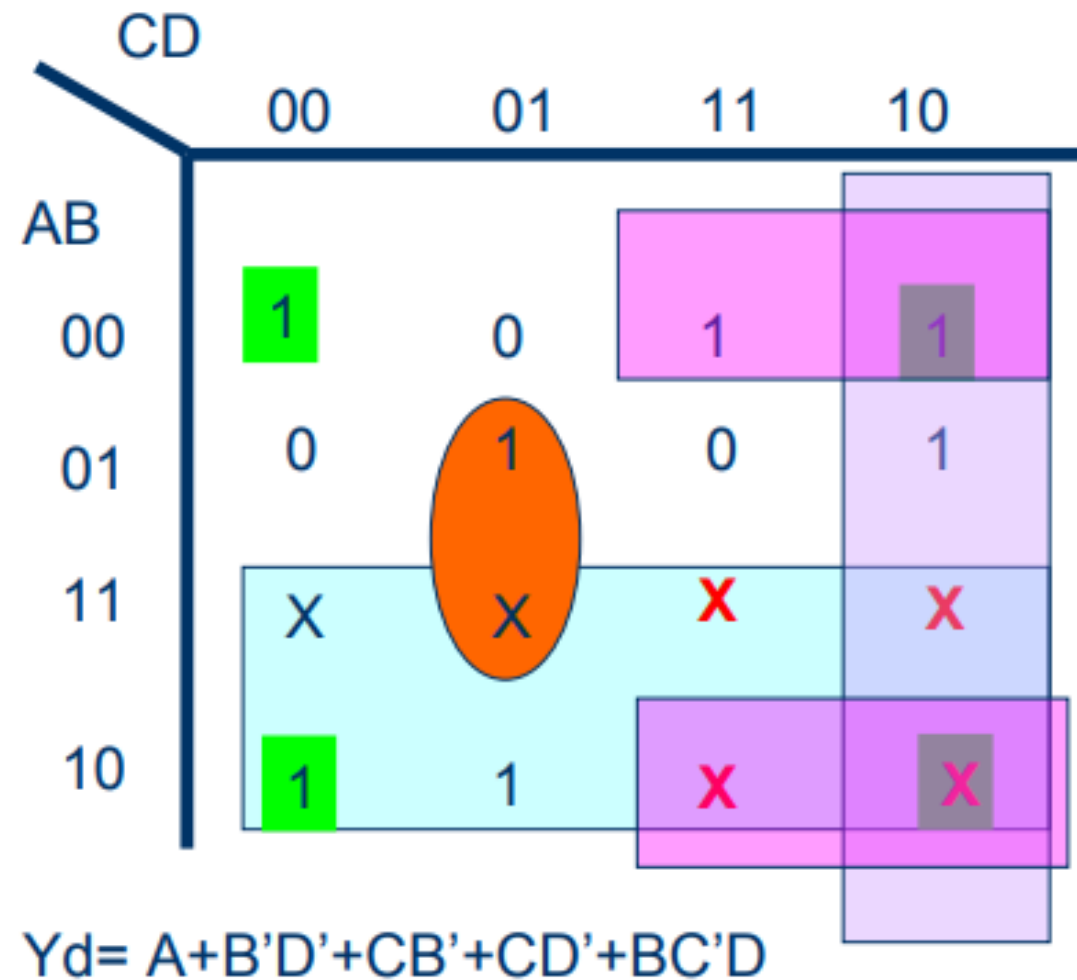


$$Y_b = B' + CD + C'D'$$

$$Y_b = \bar{B} + C \odot D$$



$$Y_c = \bar{C} + B + D$$



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

CD		00	01	11	10
AB	00	1	0	0	1
	01	0	0	0	1
	11	X	X	X	X
	10	1	0	X	X

$$Y_e = B'D' + CD'$$

$$Y_e = \overline{B + D} + C.\overline{D}$$

CD		00	01	11	10
AB	00	1	0	0	0
	01	1	1	0	1
	11	X	X	X	X
	10	1	1	X	X

$$Y_f = A + C'D' + BC' + BD'$$

$$Y_f = A + \overline{C + D} + B.\overline{C} + B.\overline{D}$$



$$Y_g = A + CD' + BC' + B'C$$

$$Y_g = A + C \cdot \bar{D} + B \oplus C$$

