temp

Francesco Andreuzzi

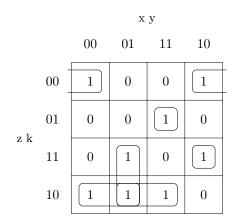
February 25, 2019

minterm:

$$(\overline{x} \cdot \overline{y} \cdot \overline{z} \cdot \overline{k}) + (\overline{x} \cdot \overline{y} \cdot z \cdot \overline{k}) + (\overline{x} \cdot y \cdot \overline{z} \cdot \overline{z} \cdot \overline{k}) + (\overline{x} \cdot y \cdot \overline{z} \cdot$$

maxterm:

$$(x+y+z+\overline{k})\cdot(x+y+\overline{z}+\overline{k})\cdot(x+\overline{y}+z+k)\cdot(x+\overline{y}+z+\overline{k})\cdot(\overline{x}+y+z+\overline{k})\cdot(\overline{x}+y+z+\overline{k})\cdot(\overline{x}+y+\overline{z}+k)\cdot(\overline{x}+\overline{y}+z+\overline{k})\cdot(\overline{x}+\overline{y}+z+\overline{k})\cdot(\overline{x}+\overline{y}+z+\overline{k})\cdot(\overline{x}+\overline{y}+z+\overline{k})\cdot(\overline{x}+\overline{y}+z+\overline{k})$$



funzione ottenuta:

$$\overline{yzk} + xy\overline{z}k + x\overline{y}zk + \overline{x}yz + \overline{x}z\overline{k} + yz\overline{k}$$

minterm:

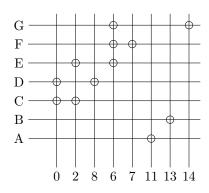
$$\frac{(\overline{x} \cdot \overline{y} \cdot \overline{z} \cdot \overline{k})}{+ (\overline{x} \cdot \overline{y} \cdot z \cdot \overline{k}) + (\overline{x} \cdot y \cdot z \cdot \overline{k}) + (\overline{x} \cdot y \cdot z \cdot \overline{k}) + (x \cdot \overline{y} \cdot z \cdot \overline{k}) + (x \cdot y \cdot z \cdot \overline{k}) +$$

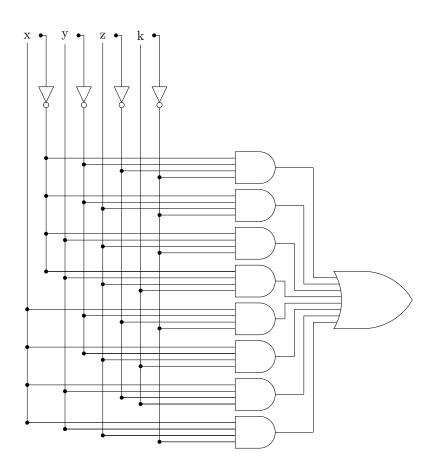
maxterm:

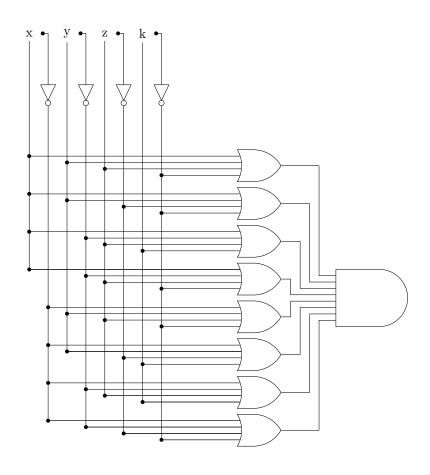
$$(x + y + z + \overline{k}) \cdot (x + y + \overline{z} + \overline{k}) \cdot (x + \overline{y} + z + k) \cdot (x + \overline{y} + z + \overline{k}) \cdot (\overline{x} + y + z + \overline{k}) \cdot (\overline{x} + y + \overline{z} + k) \cdot (\overline{x} + \overline{y} + z + k) \cdot (\overline{x} + \overline{y} + z + \overline{k}) \cdot (x + y + z + \overline{k}) \cdot (\overline{x} + y + z + \overline{k}) \cdot (x + y + z + \overline{$$

	Livello	Numero	Termine	
✓	0	0	0000	
✓	1	2	0010	
✓	1	8	1000	
✓	2	6	0110	
\checkmark	3	7	0111	
A	3	11	1011	
В	3	13	1101	
✓	3	14	1110	

	Livelli	Implicanti	Termine
С	0->1	0,2	00-0
D	0 - > 1	0,8	-000
Е	1->2	2,6	0-10
F	2->3	6,7	011-
G	2 - > 3	6,14	-110







x	у	z	k	f(x,y,z,k)
0	0	0	0	1
0	0	0	1	0
0	0	1	0	1
0	0	1	1	0
0	1	0	0	0
0	1	0	1	0
0	1	1	0	1
0	1	1	1	1
1	0	0	0	1
1	0	0	1	0
1	0	1	0	0
1	0	1	1	1
1	1	0	0	0
1	1	0	1	1
1	1	1	0	1
1	1	1	1	0