

Esercizio 1- Appello 04/07/2002 Corso A-B

Minimizzare
con mappe di
Karnaugh :

$$\begin{aligned} & \overline{a}\overline{b}\overline{c}\overline{d}\overline{e} + \overline{a}\overline{b}\overline{c}d\overline{e} + \overline{a}\overline{b}c\overline{d}\overline{e} + \overline{a}\overline{b}cd\overline{e} + \overline{a}b\overline{c}\overline{d}\overline{e} + \overline{a}b\overline{c}d\overline{e} + \\ & + a\overline{b}\overline{c}\overline{d}\overline{e} + a\overline{b}\overline{c}d\overline{e} + ab\overline{c}\overline{d}\overline{e} + ab\overline{c}d\overline{e} \end{aligned}$$

SOLUZIONE

		c d			
		00	01	11	10
a b	00	1	0	0	1
	01	0	0	1	0
	11	0	1	0	0
	10	1	0	0	1

e = 0

		c d			
		00	01	11	10
a b	00	0	0	0	0
	01	1	0	1	1
	11	1	1	0	1
	10	0	0	0	0

e = 1

FORMA MINIMA: $\overline{b}\overline{d}\overline{e} + b\overline{d}e + a\overline{b}cd + \overline{a}bcd$