

Esercizio 1- Appello 16/09/2002 -Corsi A e B

Minimizzare
con Mappe di
Karnaugh:

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

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

e = 0

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

e = 1

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