

SOP = **somma di prodotti** => canonica disgiuntiva =>  $Y = \sum m(\dots)$   
 POS = **prodotto di somme** => canonica congiuntiva =>  $Y = \prod M(\dots)$

**T.D.V.** 3 VARIABILI =  $2^3$

DECIMALI	INPUT			OUTPUT	(POS)	(SOP)
	A	B	C	Y	MAX	MIN
0	0	0	0		(A+B+C)	A'B'C'
1	0	0	1		(A+B+C')	A'B'C
2	0	1	0		(A+B'+C)	A'BC'
3	0	1	1		(A+B'+C')	A'BC
4	1	0	0		(A'+B+C)	AB'C'
5	1	0	1		(A'+B+C')	AB'C
6	1	1	0		(A'+B'+C)	ABC'
7	1	1	1		(A'+B'+C')	ABC

## KARNAUGH

	AB 00	AB 01	AB 11	AB 10
C 0	0	2	6	4
C 1	1	3	7	5

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AND Y=A.B	OR Y=A+B	NOT Y=A'	NAND Y=(A.B)'	NOR Y=(A+B)'	XOR Y=(A⊕B)'