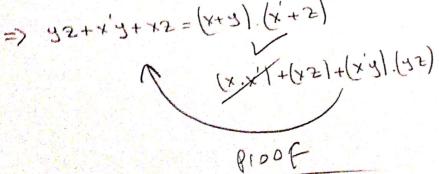
Answert

xy+x'Z

xy+x'2+y2=xy+x'2

Albas

Answer 2



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	A	B	C	0	B'D	A'D	BD	F	L
	0	0.	0	0	0	0	0	0	A+B+C+D -> Mo
	0	Q	0	1	1	1	0	\	A'B'C'D>MI
	0	0	Ą	0	0	0	0	0	A+B+C'+D -> M2
	0	0	1	1	1	1	0	1	A'B'C D > m3
	0	1	0	0	0	0	0	0	A+B'+C+D > M4
	0	1	0	1	0	1	1	1	A'BC'D >ms
	0	- 1	1	0	0	0	0	0	A+B'+C'+D -> Mb
	0	1	1	1	0	1	1	1,	A'BCD > ma
	1	0	0	0	0	0	0	0	$A+B+C+D \rightarrow Mg$
	1	0	0	1	1	0	0	1.	AB'C'D >ma
	1	0	1	9	0	0	0	Ö	A+B+C+D -> M10
	1	0	1	-1	1	0	0	1	AB'CD > m,
-	1	1	0	0	0	0	0	0	A'+ B'+ C+ D -> M 12
	1	1	0	1	0	0	1	1.	ABC'D>m13
	. 1	1	1	0	0	0	0	0	A+B+C+D -> M14
	1	1	1	1	0	0	1	1	ABCD > M15

Product of Marterms

F(A,B,C,D)=[A+B+C+D].[A+B+C+D]. (A+B+C+D). (A+B+C+D). (A+B+C+D). (A+B+C+D).

[A+B+C+D].[A+B+C+D]

[A+B+C+D].[A+B+C+D]

Almost Obvo

answer 3 b) F(A,B,C,D)=B'D+A'D+BD = (B'D).(c+c')+(A'D).(C+c') + BD.(C+c') = (B'OC)+(B'DC')+(A'DC)+(A'DC')+(BDC)+(BOC') $= (B'OC)(A+A') + (B'OC') \cdot (A+A') + (A'OC) \cdot (B+B') + (A'OC') \cdot (B+B') + (BOC)(A+A') + (BOC') \cdot (A+A') + (A+A$

=(B'OCA)+(B'OCA)+(B'OC'A)+(B'OC'A)+(B'OCB)+(A'OCB)+(A'OC'B')+ (BDCA) + (BDCA') + (BDC'A) + (BDC'A')

Z(1,3,5,7,9,11,13,15)

 $\sum (1,3,5,7,9,11,13,15) = \pi(0,2,4,6,8,10,12,14)$

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