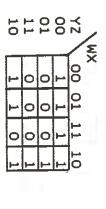
(4) F(W,X,Y,Z)=WX'+Z'(Y'+W')+W'Z'Y'



Canonical SDP=W'X'Y'Z'+W'X'YZ'+W'XYZ'+WX'Y'Z'
+WX'Y'Z+WX'YZ'+WX'YZ+WXY'Z'

Canonical PDS=(W+X+Y+Z')(W+X+Y'+Z')(W+X'+Y+Z')

(W+X'+Y'+Z')(W'+X'+Y+Z')(W'+X'+Y+Z')

(W'+X'+Y'+Z')

Ω Ω (a) F(A,B,C)=(A+B')C'+A'C

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 $F = \sum m(0,1,3,4,6)$

(b) F(X,Y,Z)=(X+Y')(X'+Z)(Z+Y')

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 $F = \sum_{m}(0,1,5,7)$

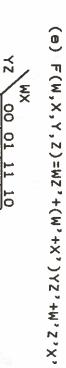
(c) $F(P,Q,R)= \pi M(0,1,5)$

 $F = \sum_{m} (2,3,4,6,7)$

(d) $F(A,B,C,D)=\Pi M(1,2,3,7,9,10,15)$

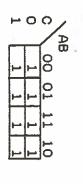
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	1	0	1	1	01	
	1	0	1	1	11	
	0	1	0	ı	10	

 $F = \sum m(0,4,5,6,8,11,12,13,14)$



 $F = \sum_{m} (0,2,6,8,10,12,14)$

(f) F(A,B,C)=1

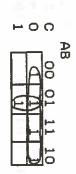


 $F = \sum m(0,1,2,3,4,5,6,7)$

(g) F(A,B,C)=0

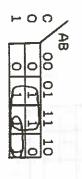
F=No minterms

3.6 $(a)F = \sum m(0,2,3,4,6)$



F=A'B+C'

 $(b)F=\Pi M(0,1,4)$



F=AC+B

(c)F=BC'D'+BC'D+A'C'D'+BCD'+A'B'C'D'

