

31-11101

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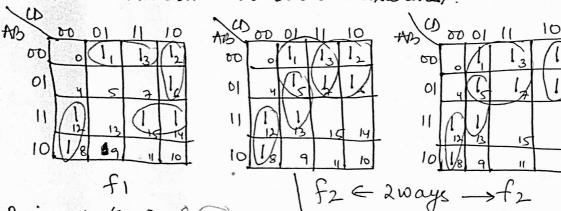
Multi-Output fins:

Inaddition to multi-outputs, we draw an additional K-map (Chared K-map):

$f_1 = \sum m(1,2,3,6,8,12,14,15)$

 $f_2 = \pi M(0,4,9,10,11,14,15) = \Sigma M(1,2,3,5,6,7,8,12,13)$

-> Need to keep multi-outputs in same form (both minterin or both maxterine).



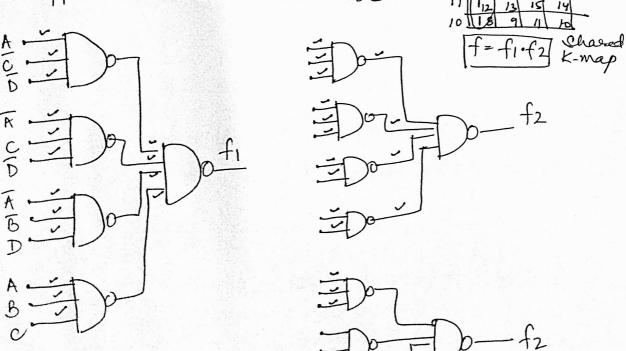
Paire of (8,12) = (1000) -> ACD

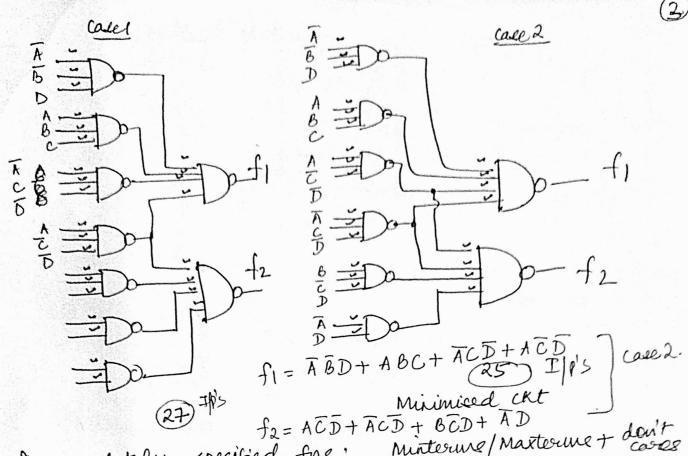
f2= ACD+ BCD+ AD+ AC

(1,3) = ABD fz = ACD+BCD+AD+ACD (2,6) => ACD

(14,15) => ABC

fi = ACD+ ACD+ ABD+ ABC





minterure/Maxterure + don't Incompletely specified fine:

f1 = \(\int_{10}, \omega, \ome f2 = Zm (1,0,6) 7, 8, (3), (4) (5) + d(3) (5), (2)

$$f = f_1 \cdot f_2$$

= $\sum m(2,6,12,13,14,15) + d(3,5)$

