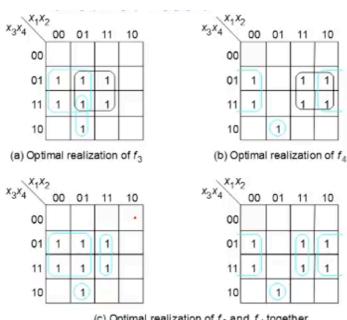
Pont care condition-that never occurs In completely specified function- has Pont care conditions

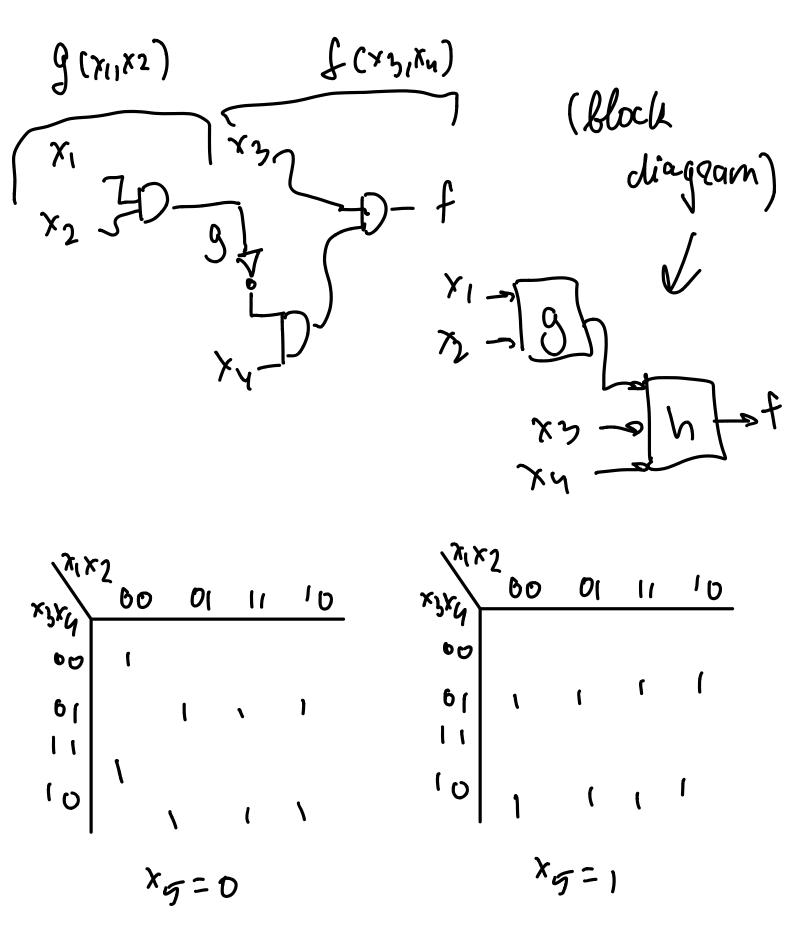
Pont cour one seprented as: of in K-maps D in Sopand POS

 $J = \sum_{m} (1) + O(2,3) = Mm(0) - O(2,3)$



(c) Optimal realization of f₃ and f₄ together

Fan-in problem occurs when the second level is huge (1stis And Soz SOP, 2nd is DR) Multilluel logic expression - solves fanin (chaper, best slower)



g(a) = a f(a,b) = gb (disjoint composition)

f(a,b) = gb i : a (non - disjoint composition)

(cuase a is used

boally and globully)