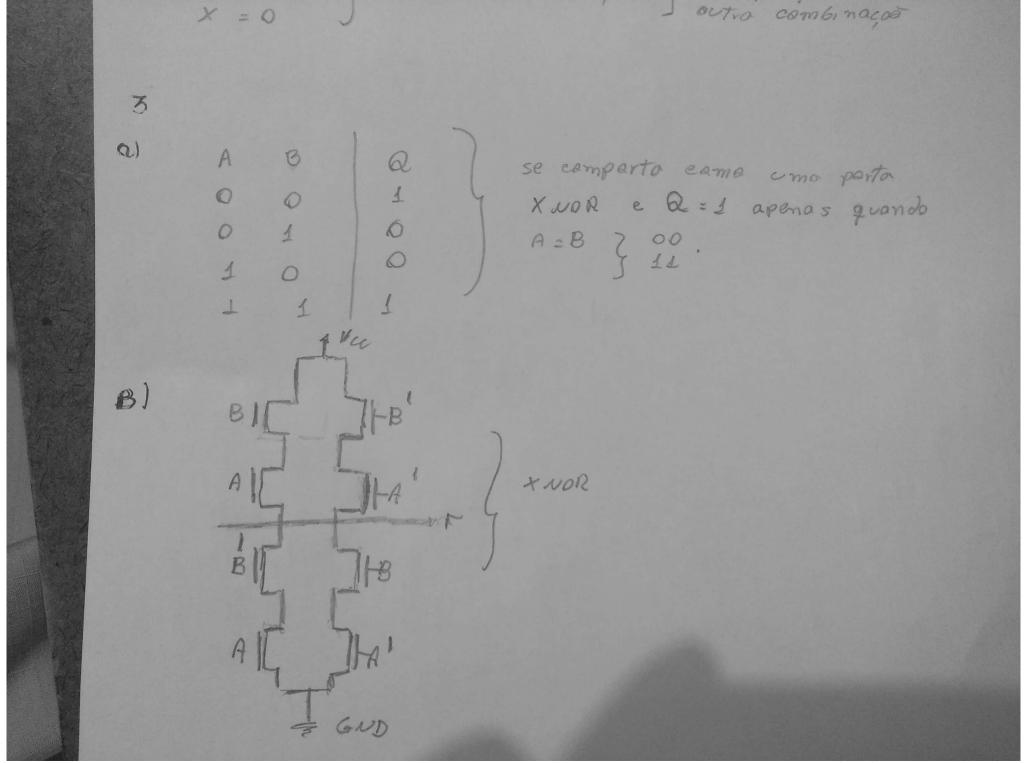


Digitalizado com CamScanner

a) existe um cominto que carrecta F a Vss (ou GUD ou D) F'= (a,b)+ (c,d) adiciona a parta F" = (a'. b') . (c'. d') F" = (a'.c' + a'.d' + b'.c' + b'.d') + x' invertida # se comporta como uma porta OR de 4 entradas AND senda elas invertidas [aic'+aid'+bic'+bid'] e uma parto not dex! a=d=0 | $f \in igual \ a \le$ | f = 0 | $f \in igual \ a \le$ | f = 0 | $f \in igual \ a \le$ | a= 0 = 0 X = 0 se comparto camo uma porta

Digitalizado com CamScanner



Digitalizado com CamScanner

B)
$$(a.b) + (a'.b')$$

a b $f = (ab) + (a'.b')$

b $= (0.0) + (1.4) = 1$

c $= (0.1) + (0.4) = 0$

d $= (1.0) + (1.0) = 0$

f $= (1.1) + (0.0) = 1$

c $= (1.1) + (0.0) = 1$

b $= (1.1) + (0.0) = 1$

c $= (1.1) + (0.0) = 1$

c $= (1.1) + (0.0) = 1$

d $= (1.1) + (0.0) = 1$

c $= (1.1) + (0.0) = 1$

d $= (1.1) + (0.1) = 0$

d $= (1.1) + (0.1) = 0$

emporto came

o $= (1.1) + (0.1) = 0$

d $= (1.1) + (0.1) = 0$

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o $= (1.1) + (0.1) = 0$

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