

Scanned by CamScanner

of marry multiplication rector processing

for 
$$j=1:1:m$$
  

$$\begin{cases}
x = a[i, i] \\
y = 1:1:T
\end{cases}$$

$$\begin{cases}
x = b[:,j] - \\
y = y + k \neq d(j; ) = u
\end{cases}$$
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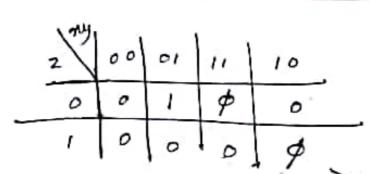
merge Awo sorted arrays.



= Herge two sorted woways GP = [14.17,27,36,42,58] H 8. [18,31,33,35, 50,60] C = 17,36.58 A: 14,29,42 mory - 17, 31, 35, 36, 58, 60 D - 31, 35, 60 6- 18, 33,50 42 29 33 T(n) = T(n/2) + 1Y(1) -[1] I - [18, 25,33, 42,50] Reasons Z (6)=[] J-[17, 31,34, 36,58] ... K = Min(I,J) = [17,29, 33,36,50] L= Man (I, J)= [18,31, 34,42,58] 14[17,18, 29, 31, 28.34, 36, 42, 50, [8]60-Shuffle (K, L) Given a dais A second for south a stample see how then watereth ounter example suntify the rejoin of the

"bum of alements of nector. vector ale can also - Find laugh - div - Find elements at me of indices n = leyle (T) while (n > 1) n-torgh (P) K = div(m2) J=11k [1,2,3,4] 1 -T(J) [15, 11, 17, 19] B = T D(J)-[] [ 41, 32, 36, 84] T= A+B . n/=2 and.

4.918  z xy 00 01 11 90 x=0 y=1 z=0  0 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
$\frac{2}{2} \frac{1}{2} \frac{1}$
$\frac{z^{\frac{1}{2}}}{0} = \frac{00}{1} = \frac{00}{1} = \frac{90}{1} = \frac{1}{90} = $
$\frac{yy'}{2} = \frac{1}{2} \left[ \frac{yz'}{2} + \frac{yz'}{2} \right] = \frac{1}{2} \left[ \frac{yz'}{$
$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$
22 00 01 11 10 Think xyz' + x'yz'a  = yz'(x+x'a)  - yz'(x+a)

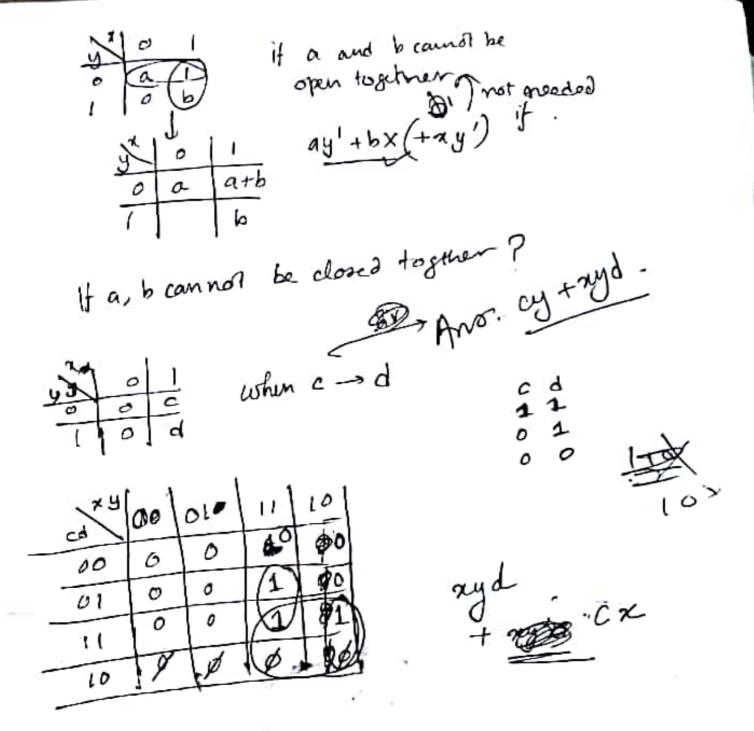


of - such input occur will never occur

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119.18 - 04 En En=1 0 10 En - 1 Fn=0 a = b=0 亟

MIDSEM ASSIGNMENT 1 TYPE

