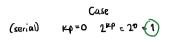
C. Completely connected



Considering computation time complexity as:

$$+ (n\rho, n) = \left[\frac{n}{n\rho} + 1\right] + + \rho = \left[\frac{n}{n\rho} + 1\right] + \log_2 n\rho$$

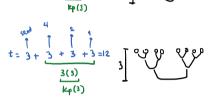


Data/Plagram E

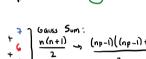
Tree (sums) ø[O

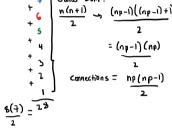
1(3) 1 1 kp(3) 2 1 3 = 9

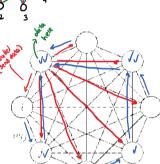




2(3)







Therefore we can say

tc = 3 + Kp(3) with kp= log2 np t = 3 + (log2np)(3)

tc(np, n) = tc = 3(1 + log_np)

for communication time comple-xity in a completely connected network.