

ALOUCROME CYCHOTO UM E GOCTOTIGENO como de la notago bona te descuro B: [bx(1)2].__ The GO(n) Uceso Zi.b: - Zi.b: - Zi.b: α i=1Nove OCn+K) Mager e coptupou racuro c escroso 0,000 m n edus 02 12x rounces uzrzagun or Zi= h.(n+1). T(n)=n · home c Binory Search u go 76 pcm we e Thom even omorphup up hugerca Cu: A, k2 k3 A4 A5 . ~ 0 1 2 4 5 Verane per copreponer racuba A[1. - ng n B[1... n]c ousees Doc enquentu. Uname C=AUB

Mesonanara ra C; Bapi: Mpasun merge (1 B) u sounaire ()(n)time D[(n+1)/2] 20 n odd y D[(1/2] 30 n even. BOPZ LIQUOUNCIO A UB CO A[1/2] UB[1/2] 30 8(1) spece. TOPES reguentable C enly 72x (Usnoronde ree tu ba copplipan). Use usnonzisone Bivory Search Town median C (ACI - m], BU. m]): if m=1 return (A[1]+B[1])/2 if w= 2 then profe if in every return (max (A[1], B[1])+ min (+[2], B[2])/2 if tt型] < B[地] do if mode return medion C (A[Mz - m] B[1... Mz]) else if A["z]>B["z] do return median C(A[1.-W2], Bthy...m]) return A[11/2]

npm: A=[+322,5437] m=5 B=[-205,55195] A[1/2] = 22 > B[1/2]=5 3horu A=[79,22], B=[5,55,100]m=3 A[m/2]=9 < B[m/2]=55 3 love A = [9,22] B=[555] (mex (9,5) + min (22,55))/2 = = (9+22)/2 = 31/2 = 15,5 7(n) = O(1) (1) = O(1)

[HW] Cleane In uspares A[1. 2n Jereuros nacura a leatro la nostrigue i e curato no wose i. No ce possere- la 210 adopo no urpose, T.e. on co morcumento nepablocaina Mint: Onthughen bysones arropriene CEC CLOWNDES (D(n) Begunus, ordop-suri-chodre, Q Dapyret -> HOU CUMUNO 2001 Coptupone A[1...2n]. BAE1... NJ CO CHOOLITE, OB AT(U+1)... 2nJ co CUMNUTE -> (0(n/2n) BOPZ: C PICK HOULDONE MEQUALO 30 B(24) Breve in home partition he n-ronemu u n eonen 30 (2h) Ofcey Lu+2n=4n×n 30 OCTOHONUTE 30 JOHU BOB ofogno lege somen Bod nunkobe Uxou pelli enus.