Trom ast week: comcopts & def's on ALG & Caplantes. loday: spend two wis: Context of costs 350.

JYS 518

8/31/2020

(ouplesty analy sis. through recurence solves

11 C(n-1) + ain C(n-2n+1) + a.n Czr - 2 Cz + a z + C when c>>c.

5 23 bot CWG-SCORE and-come time a blerty The Scare the runking of the alg under The Class one student. merage stylect. Jangen Jonia HC Mandon

3. Check and core time af extend of as. 2. (Tuess Wite a forla $A_{NG}(n) = \frac{1}{n} \sum_{i=1}^{n} \left\{ \int_{A_{NG}(r-i)} + \int_{A_{NG}(n-r)} + O(n) \right\}$ (AUG (n) = (aug (n) = O(n/gm). Want C st 1 2 8 Tays (r-1) + Tays (n-r) + a.n. TANS (n) & Colog M. X N S TANG(i) & C.C. 180

111 SUM Conclusion: MERTY A FORD AR sow want to > F(r-1) = F(0)+F(1)+...+Kny

X log x dx 2 / 2 II Xr Jax 2 Jan 2 2

5 2 (r-1) log(r-1) + M folks 0/490+1/05/+...+ (M-1)/19(1) S (r-1) (eg(r-1) +(1-1 1 \(\sum_{(n+)} \log(n+) + \(\sum_{n} \) (m-1) leg (n-1) + .. + olgo

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