DSA Pant-B Sed-C 6. Initially empty Insert 19, 39, 23, 9, 5, 17, 29 23, 19 Inserting - (19) Inserting 34 Inserting 23 Isuty 7

W. Fr

Delete

YASH GUPTA Sociomines

4.7

S222220 10239

1

0-2 (4)

YASH GUPTA 520200010034

Considering A [0] is sorted Then we will check for every i wholher coverag is so-ted will then on rist. the

6 | 7 1 3 2 6 7 13 6 7 1 0 3 2 16 17 1 3 7 (3) 6 Final array (Sookd)

(C)

0(1) Average Case - 0 (n2) Wost Care - O(n2)

TASH GUP, TA. Sz= 2000/0234

0-3(6)

0-3

- · Divide (0, 0) into ke equal budiets
- · Dist sibute the a infort values into buckets
- . Sort each bucket
- . Us through he buckets in order, disting elevents in each one.

YASH GUPTA PESEDECSES

both and not forming a yelle we form Kouskol's Spaning 12 is selected first 13 0 5 5 dected 00 is

t a sh gopta So oscools of Idealed 15 nent · ② - ③ :3 seboled selected, O.O is selected O-D con 4 bo 8, 8-0, 0-0 O-0, , & J- () (an'+ ke (S). Solered 50 is scheded Minimun Spaning Efre

0-4

YASH GUPTA Sudooolor39.

Mn no ej edges to convoid 700 verties is \$699.

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