1 X4 days. Teb15, N 0 1 t 0 55 t 0 30 hours -> 5 80 N² (m²)² N Computing DFT al & olx gg 10 0 5 imer 5 N = 1000 Row/ Lol Row al Divert NKN Diver

N

シチメショ stage. ser st (X11 X21 X12 X22 4 I/o per voul (Z. N2 rows # of starp of decomposition AT_ I/o operation. 921 Azr ×22 . sterr. ×12 A12 [X1. X Early starts 2N Gauge: First Azı A: [11 Ohservalit single engle 1 マチマ

Ekludis Alg for matrix transpor 210 2 NIN 3 the log u シーン Tom yes stops. ZN IO 9 DF1 E র্ব N.N 2N log N Fig 3.20 + N GINT + NH ZN LON, N 1/0 11/0 anarts may total I/o cont 2 2 2 2 N IO 557 tond Ilo:

4

たち (true Thurlettion of Divide + Computer とひ) set what 5 Y 2 S Voctor Radik FFT. F F F s ever point Xe(r) -> ohe points toch) N2. Pow (col -Direct Recall 1=D. ۱ ١ I 1 . to N

-52742 00 いいい 960 900 200 DFT of a related to 300 17125--SZRZ 3-3.25 -32751 906 0 DF Ø (Fij 3.23, 3.241 9 (k ,, k , (k 1, k2) ges , gee (K1, K2) Pt Gee (K, Kr) N2 X Nh (500 V Goe 600 + Q how is + 3200 11 X(K1, K2) NKN 600 600 Fee P

00 We hutter they sty. could butter the N afo Low may butter his N2 output NYN cutar. N/X N/S Nt × Nt 2 2 2 2 12 # w slock t inch stage. 5 11. \uparrow NG K NG NK X NZ 2× 2

Z N² (ey N ~ 3N2 (0)= N ∞ 个 per but with per bittorfly is 32 N ý. is Butterthy course sppe ZI 3 meth Z Z - how much conjuded 1251 Z ろ th ubds a has

5

X(K+~, K,+~) 9 Shbeg (10) X (K, K2) $X(k, k_{s}) = A + C$ $X(k, k_{s}) = A + C$ 11 **V** + 4 new interredicte variables A= a+b B= a-b C= c+d p= 1= q Geo See Co o the fire Goe lleer

~ ~ (~ N ~ N ~ # ch adds 2 N² / og 2 2 Nº loy2 h 1865. h t)³ s² t³ s² · 3 °C # your 2 1 8 12 (Orl & > adds. Row/Lef. Veder Radix Dired

genel purpose contrating , Takes Irs time to implemt 3. Imbenet ation (- DSP clarb / TZ, Mucht). Filler great application departed Prsit when no determining of Fitter Design Jupales Report es! 20. J Fini Tr easier to ind