





Algorithm ( : a= 9 b= = fln= n2 いいい= のい(ま) ナルマ log 39 = 2 But anced (0(n2 logn) Choosing an Algorithmi 3 O(n-logn) < O(n'ogzs) < O(2-) Pick 6, it has the bost we 3) Paranthesis Matching 3a) (08ing 36) Work, Span, & Big O 4(N)=0(1)+0(1) = W(N)=W(N-1)+0(1) (Work och) SCND = 5(n-1)+0(1) Sequential, so recursion depth (Spor O(n)

38) lecurrences & Span & Work Work constant time andito was went 155t times Parallel restration & operations.

Tree Pepth is O (109 m) Span is Ochog n) 3e) (voo 38) Work & Span & BEQ 0 24(2)+0(1) (0522=1) d1 000 Work = OU Parallel Operations. Span is Ollogn