

Explanation of P.4 issues From was constructor order of initalization is importent

- recap Code I added: - copy constructor - destructor - operator = const_iterator class Plus:

versus lists at would operator
in a list?

Vectors versus lists (cont) Running times: Vectors LISTS C(n) (fue code it) operator [] and (or in) O(n) O(n) insert O(n) erase/remove

Searching 15 linear Search? Exactly seve as own find Binary Search? Best possible is lie with O(1) work, climinate holf the $(n) = 1 + T(\frac{\pi}{2}) = 1 + 1 + T(\frac{\pi}{4}) = 1 + \frac{1}{4}$

me some sorting algorithms. -Bubble sort 1 t: n-1 comparisons - Selection Sort) look. - Insertion sort) look. - Quick sort - Merge sort

1/ largest - Drd lar for

Quick sort - select a random PIVO T(n) = n-1+456 = O(nlog n 56 256 monst case: O(N2)