F12



Best - cure for quickout: changes median for the pivet, splitting the list in healt, such theirt:

2T(2)+9(n)= 6(nlgn)

Worst-com Ser quielsort: cheeses the last or short observent in a

T(n-1) + T(1) + & (n) = & (n2)

Rendine for an reasoner relation, cheering $(\frac{2}{3})$ not largest element in a list, such that:

1(3) + T(2n) + O(n) = O(nlogn)

Note the notione for our recurrence and the best-case for quicked are asymptotically equal to one another;

Ordering the Sundains from smoothers to growtest:

(O(rlayn)), (O(nlagn)) = (Berd-cuse, our recomerce relation)

((n2) = worst - case