



3) 3.1) T(n)=2T(之)+nlogn T(n)= aT(2)++f(n) a= 7 b=2 n1096a = n10922 = n1 = n Case 2 O(f(n)|gn) = O(nlog2n) 3.2 Master's Thurem can't be applied because f(n) is less than n'ogsa but by a non-polynomial difference.

