

Es. 2

combinare (H, i, Δ)

T(n) = O(log n)

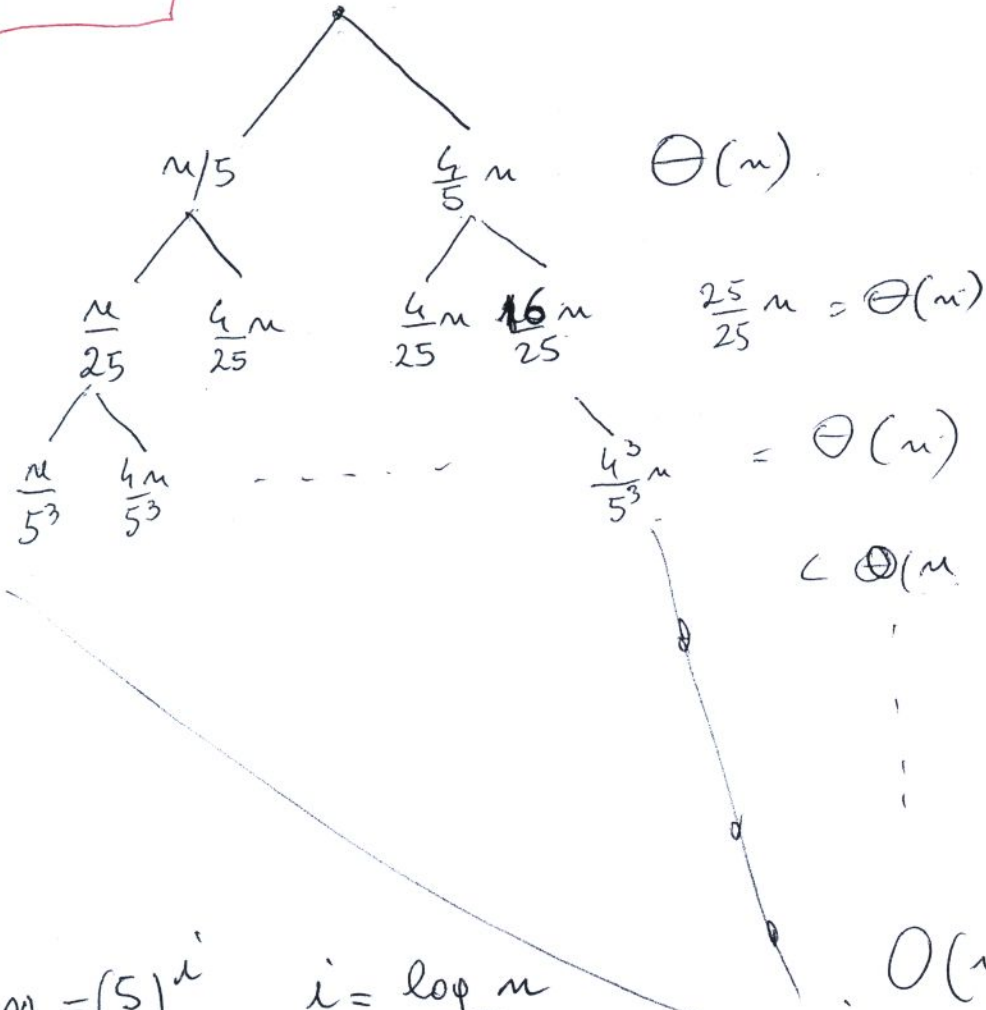
H[i] = H[i] + Δ;

if (Δ > 0)

while (i > 1 && ~~H~~[Parent[i]] < ~~H~~[i])
scambiare ~~H~~[i] e ~~H~~[Parent(i)]
i = Parent(i)

else Max-Heapify(H, i)

Es 3



n = (5/4)^i i = log\_{5/4} n
numero passi Θ(log n) ogni
costo O(n) in totale T(n) = O(n log n)