-> INSERMEN SORT (M2) > MOLGE SORT (M (gg M) > HEAR SORT (M (gy M) Cim

Mayo

M 7 M GM

0(m²))0(m) >0(mley(m)

>0(1)

CO STAINS

INSORTION SORT

MORCE SO RA (DIM DE ET MPERA)

5234 5234 7654 512 314 76 514

M Log (M) < M²

SPS=3AND

LE SOLUZION

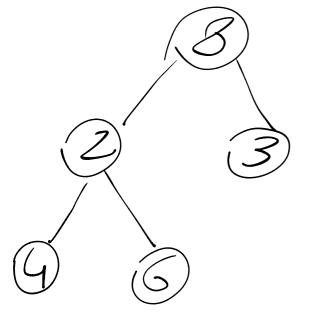
1~1+

RICORRONSA -> OLDIA) COMPLESS MÀ ALGORMAD 00 L DGRANDS D) PKC96 THOAP PARBAT

4[1] A[2*1] 45FT HSAPIPY
1,2,3,4,5,6,7

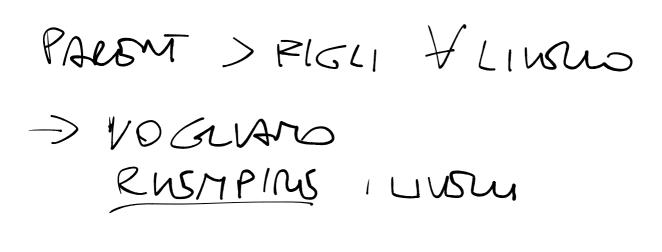
A[1/2] SA[P]

8,2,3,4,6

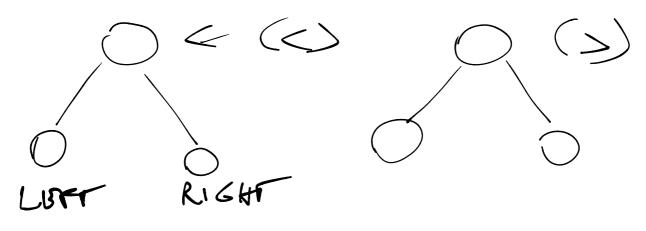


8,10,12,14

(3) (12) (3) (12)

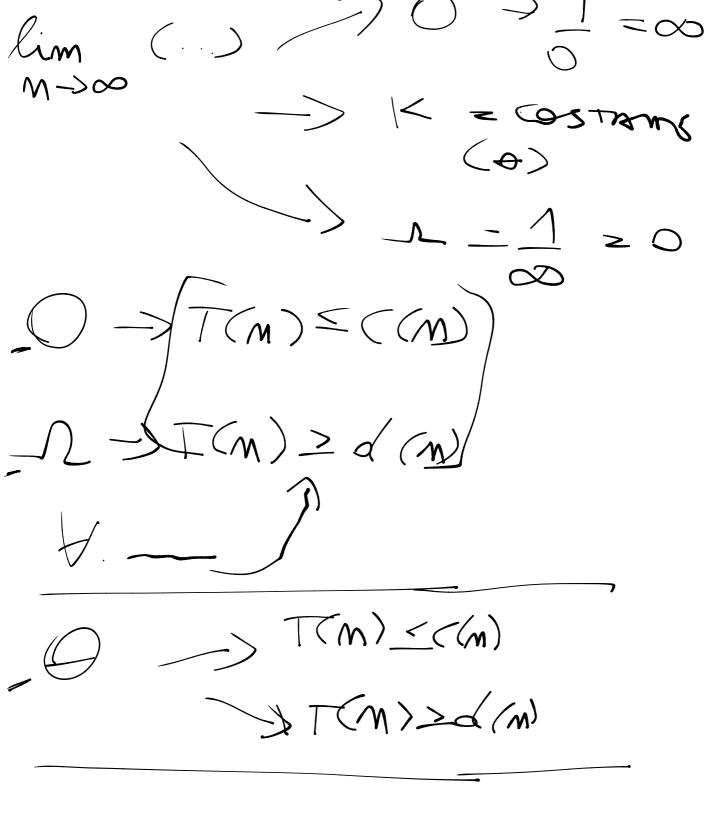


MIN-HOAP/ MUX-HOAP



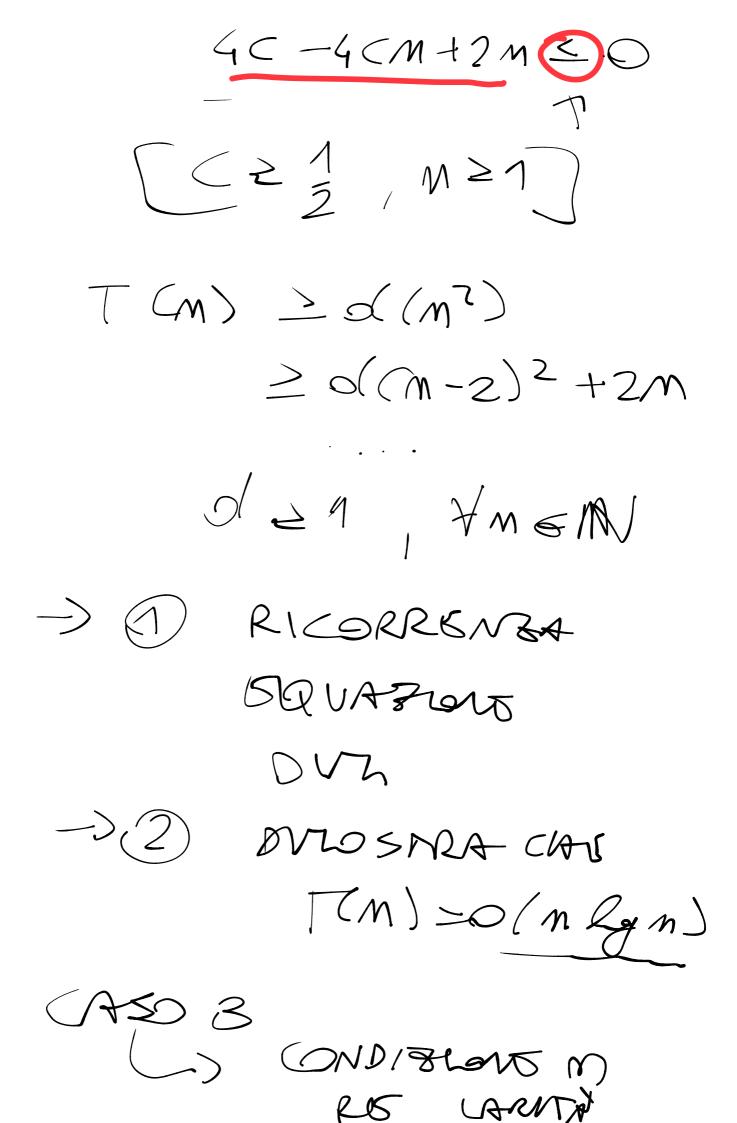
 $\frac{1}{2}\left(\frac{1}{2}\right)\right)\right)\right)}{\frac{1}{2}}\right)\right)}\right)}\right)}\right)}\right)}}\right)}}\right)}}$

T(n)=ot(B) STRUTURA -> META FISSA REDRRENZO! Q=1 1M T(m)=/T(m-2)+2M $\lim_{M\to\infty} \frac{2(M) \to fen}{M \to 1}$ CASO



 $M=2 \rightarrow M^{K}$ $\rightarrow T(M) \leq C(M^{2})$ $\rightarrow T(M) \geq o(M^{2})$

T(M)
$$\leq$$
 (M²
T
SOLUBIONI
 \Rightarrow M \Rightarrow VALUE \exists !
VALORIC
DI C & oh M
 $C \geq \frac{4}{3}$
 $C \geq 2$ V $M \geq 1$
 $T(M) \leq CM^2$
 $\leq (T(M-2)^2 + 2M \leq CM^2$
 $C(M^2 + 4 - 4M) + 2M \leq CM^2$
 $CM^2 + 4C - 4CM + 2M \leq CM^2$



POR RISOLUME UN CASO 3 DOWN USARE QUESTA!

SCQUIBBATO