4. (a) T(n)=4T(字)+n3√n7 · n682=n2 内室=兄(の2) =4T(字)+いが2 · n52 =47(2)+105/2 Aplica M.M d>1080 T(n) = (n5/2) T(n)= O(n2vn') n= (n/323-E) (b) T(n)=3T(空)+れ ·n1の523 E 20 logga > d T(n)= (n/023) (c) T(n)=T(on) +(of(n) Hint n=2" $n=2^m \rightarrow m = lg(n)$ T(2m)=T(2m/2)+m T(m)=7(2m) Trm) = T(m/2)+m. . m/gz1=1 m> S(m 0+E) polinomi comente mayor F(m) T(m) = () (m) voluerdo a la converción inicial T(n)= O(/g(n))