$T(m) = \begin{cases} cre_1 & si & m=1 \\ 2T\left(\frac{m}{2}\right) + cre_2 & si & m > 1 \end{cases}$ PASO 1. 27(2)+C2 Si m=2 Llamato travestino 1 PASO 3: 7(m) + (2ctc2.k)-1) 1 Cuduros con a osco onse m = 1 O(logz(m))  $m + 1 + 2Cz \cdot lg_2(m) - 1)$ Requesta FINA ?

(1501: 27 T(3) + m3 SIM'S Uman Decousing 1

Prograzava boube Affirme m. Postonos 3

$$27 \left[ 277 \left( \frac{m}{3} \right) + \left( \frac{m}{3} \right)^{3} \right] + m^{3} \qquad 51 \text{ m} = 3 \text{ Least of Econosists 2}$$

$$27 \left[ 277 \left( \frac{m}{3^{2}} \right) + \frac{m^{3}}{3^{3}} \right] + m^{3}$$

$$27 \left[ 7 \left( \frac{m}{3^{2}} \right) + 27 \frac{m^{3}}{3^{3}} + m^{3} \right]$$

cano 33 = 27, SIMRIFIAMOS BOJONÍ HABER 34, 4 (35)+ M3+W3 272 T ( 32) + 2 m3

PASO 3:

$$27^{2}\left[277\left(\frac{2}{3}^{3}\right)+\left(\frac{m}{3}\right)^{3}\right]+2m^{3}$$

$$27^{2}\left[7\left(\frac{m}{3}^{3}\right)+27\frac{m^{3}}{3^{3}}\right]+2m^{3}$$

$$\leq imRiginal = (-27 conec. 3)^{3}$$

$$27^{3}\left[7\left(\frac{m}{3}^{3}\right)+m^{3}+2m^{3}$$

$$27^{3}\left[7\left(\frac{m}{3}^{3}\right)+3m^{3}\right]$$

PASO GOJEPAL

Josephors 7(m) and course onso base, pas accurage of occord > GEO DASE

$$\frac{m}{3^{K}} = 1$$

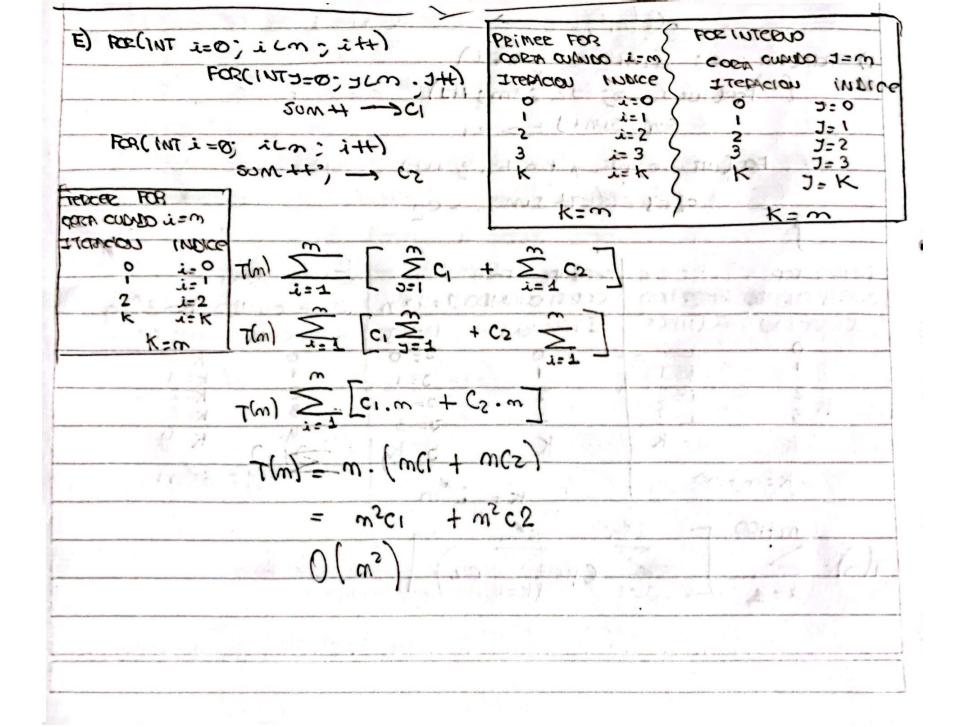
$$\frac{m}{3^{K}} \cdot m$$

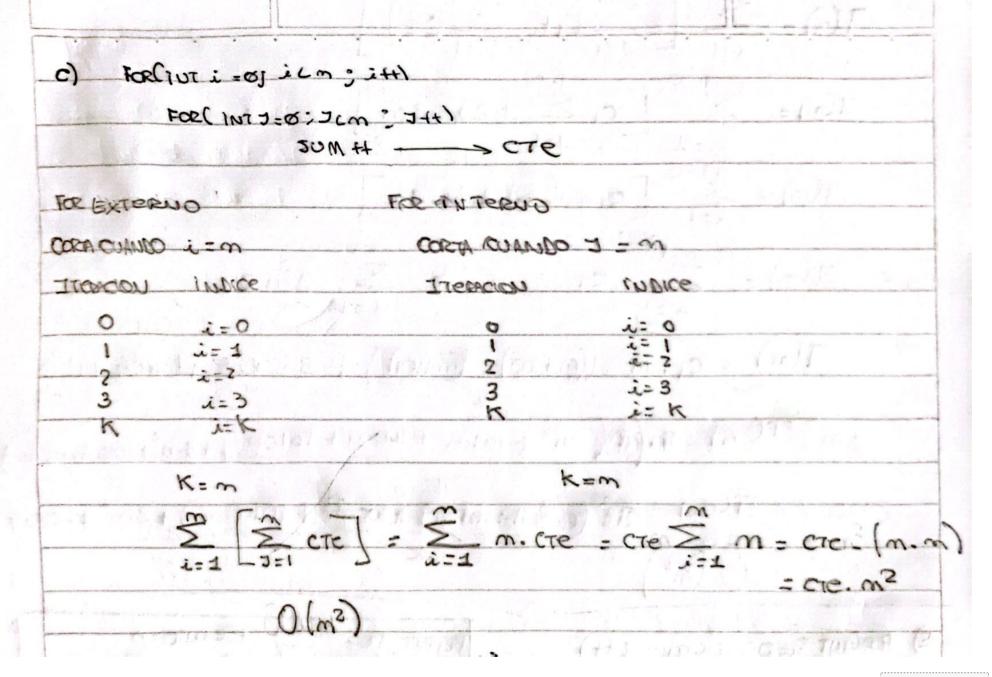
$$\log_{3}(K) = \log_{3}(m)$$

$$K = \log_{3}(m)$$

Scanned with **CS** CamScanner<sup>\*\*</sup> Se Reconstant to out onso powerst  $27^{\log_2(m)} T(\frac{m}{3\log_2(m)}) + \log_3(m) \cdot m^3$   $27^{\log_3(m)} T(1) + \log_3(m) \cdot m^3$   $27^{\log_3(m)} \cdot T(1) + \log_3(m) \cdot m^3$   $27^{\log_3(m)} \cdot T(1) + \log_3(m) \cdot m^3$   $27^{\log_3(m)} \cdot T(1) + \log_3(m) \cdot m^3$ 

| The corp corp corp corp corp of $0$ and $0$ $0$ $0$ $0$ $0$ $0$ $0$ $0$ $0$ $0$  |  | 000,5 REST. 15       | Total   |
|--|--|----------------------|---|
| FOR $(3=m; 3)=1; 3=m/4$ $(3+m; 3)=1; 3=m/4$ $(3+m; 3)=1; 3=m/4$ $(3+m; 3)=0$ $(3+$   | the state of the contract of the state of th | Ci                   |   |
| FOR ENTERNO  FOR INTERVO  THERMOD INDICE  THE  | Far ( i=0  | ; 1 L = m2; 1 = 1 +2 |   |
| FOR INTERNO<br>$OCCH OUNDO i = m^2 + 1$ $OCCH CUANDO J = 0$ ITERNOOD INDICE $I = 0$  | Fax(   | J=m; J>= 1; J-=      | n/4)  |
| FOR INTERVO  CORTA CUANDO $J = \emptyset$ ITERACION INDICE   |  | X++ , -> C2          |   |
| The contract of the contract   | It's = i amo from  | CORTA CUA            | WD J = Ø  |
| $K = \frac{m^2H}{2}$ $K = \frac{m^2H}{2}$ $\frac{3\pi i}{2}$ $\frac{3\pi i}{$ | 1 i= 2<br>2 i= 4<br>3 i= 6<br>K i= 2   | 2<br>3<br>2<br>4     | 7= m - 1/4 = 3m/4<br>7= m - 1/4 = 1/4 = m/2<br>7= m - 1/4 = 1/4 = m/4 |
| $T(m) = (C_1 + 4C_2) \cdot (\frac{m^2 + 1}{2})$  | $K = \frac{m^2H}{2}$ $T(m) c_1 \sum_{i=1}^{\infty} \left[ (m^2 + 1)^{-1} \right]$  | 2=1 7                | nos vers que ec O (m²)  |





| EEFIU A    | 年(1MT i=め)之の) 2H)  | To my  |
|------------|--|--|
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| COUNTY ASD |  | 411 198 300 to Air Air   |
| 2 TERCONS  | m 90'411   | TO STEP STORY  |
| 0 000      | 1.   | - CTC = O(m)   |
|            | 150  | in the second se |
| 2          | = i=2  | 100 ON TAIL  |
| 3          | <u>i=3</u>   | 0001   |
| k          | i=k  | CONTRACT OF A CONTRACT   |
| COETA CUAN | 1=6: 15w : 1+=3  | (2012 (1/4))   |
| ITERCION   | INDICE   | Kx5 = W  |
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|            | i= 2   | m/z  |
| S 23 2 N   | uno 1.4-144 91.0003 9000   | Z crez = O(m)  |
| 3          | 1=6  | i=1  |
| K          | i= k*2   | 1 18 45 32 329 48 61   |
| OTRA OC    |  | 191 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1  |
|            | cuth m-1 veces   | ala Massanas avas  |
| ITERACON   |  | 2×(k-1) = m-1  |
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| 2          | 14.2   | 112  |
| 3          | 1 U  | k= M-1+1   |
| <u> </u>   | )= \frac{1}{2}   | 2  |
| 4          | 1:6-   | k= <u>w</u>  |
| K          | 1= 2-(K-1)   |  |
|            |  | <u>m</u> 1   |
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| m_1        | dusion: Amere sumpresses :   | son ebrayeaus  |
| 5          | cre $\approx$ $\leq$ cr  | e  |
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|--|------------------------------------|-----------------------------|------------------|-------------|-----|
| PBRICH<br>ANALGIS; EDEG  | . 11.                              | Y JAVR                      | , , , , , , ,    | , , , , , , | w 3 |
| ) Also 1 O ( log (m²)  |                                    | -412                        | تبيا             | az.         |     |
| 1 HOD : MM = 1024  | 411                                |                             |                  | -2381+      | j.  |
| 105 m= 1051 = 105/11   | 024/2                              | = 105                       | OPERCIO          | rs          |     |
| S2   |                                    | = 100                       |                  | 1           |     |
| 1 HOA 100 OPERCIO  | nes                                |                             |                  | 5           |     |
| 4 HOBAS - 3  |                                    | <u> </u>                    |                  | (           |     |
| 100.1 = 400 affrai   | sues                               | 160                         |                  |             | 1   |
|  | 1.1                                | . X :                       | D. J. 17         | 11 ) 257    |     |
| Legz(n) = 400  | 1                                  | 11 5                        | TO AUL           | 1. 11.      |     |
| Lapislan) = J400   |                                    | EVEN !                      |                  |             |     |
| 그 그는 장이 가는 것이 되었다. 그 그 그 그는 그 그들은 그리면 그리면 그리는 그를 보는 것이 되었다. 그 그는 그를 모르는 것이 되었다. 그 그는 그를 모르는 것이 되었다.  | E ADICON                           | s lop e                     | 1 1000           | s lano      | 2   |
| 10500 1 = 20   | SAMMA                              | n up e                      | N HULD           | 2 MADO      | )   |
| $m = 2^{20}$   |                                    | J. 1                        |                  | 1           | 1   |
| hernon: El Marce Tanta que aven<br>B) 10.000 por seavido   |                                    | J. 1                        |                  | 1           | 1   |
| hereon: El mare Tamas que even<br>B) $10.000$ por secundo<br>$T(m) = n^2$  | e Ejecu                            | RIALO:                      | 1 00 4           | HS ES       | 1   |
| hereon: El Major Tanta que aver $B$ ) 10.000 por seguido $T(m) = n^2$ CUANTOS SEGUIDOS TARDA PARA PA   | e Ejecu                            | me 20                       | 1 con 4          | HS ES       | 2   |
| hereon: El mare Tamas que even<br>B) 10.000 par seguido<br>$T(m) = n^2$<br>$Charas seguidos tamas para para T(2000) = 2000^2 = 4.00$   | secons secons                      | me 20                       | 2 co. 3,         | HS ES       | 2   |
| hereon: El Major Tanta que aver $B$ ) 10.000 por seguido $T(m) = n^2$ CUANTOS SEGUIDOS TARDA PARA PA   | secons secons                      | me 20                       | 2 co. 3,         | HS ES       | 2   |
| hernoth: EL MAJOR TAMAD QUE RIEDA   10.000 POR SEGUNDO   τ(m) = n²   (υΑντος SEGUNDS TAMAD PADA PA   τ(2000) = 2000² = 4.00   γυεροπος προκε εννίνος Seg   | SAZSOSS<br>SAZSOSS<br>CODO<br>ZODO | m= 30<br>Crecycle<br>TARDAR | 00.3.<br>00.3.   | NS ES       | 2   |
| PRESONOS STRUCT CANTOS SEE<br>m = 220 $m = 220$ $m = 220$ $m = 120$ $m = 12$ | SAZSOSS<br>SAZSOSS<br>CODO<br>ZODO | m= 30<br>Crecycle<br>TARDAR | 00.3.<br>00.3.   | NS ES       | 2   |
| hernoth: EL MAJOR TAMAD QUE RIEDA   10.000 POR SEGUNDO   τ(m) = n²   (υΑντος SEGUNDS TAMAD PADA PA   τ(2000) = 2000² = 4.00   γυεροπος προκε εννίνος Seg   | SAZSOSS<br>SAZSOSS<br>CODO<br>ZODO | m= 30<br>Crecycle<br>TARDAR | 00.3.<br>00.3.   | NS ES       | 2   |
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