$$= \frac{\sqrt{3}}{2} + \frac{\sqrt{2}}{2} = \left(\frac{1}{2}\right)^{\sqrt{3}} + \left(\frac{1}{2}\right)^{\sqrt{3}} = \frac{\sqrt{2}}{2} = \frac{\sqrt{2}}{2}$$

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

$$\frac{1}{2} + \frac{1}{2} + \frac{1}{2} + \frac{1}{2} = \frac{1}{2} + \frac{1}{2} = \frac{1}{2} + \frac{1}{2} = \frac{1}$$

$$paso 1$$
 $q\tau\left(\frac{n}{3}\right) + n^2$

$$= 81 + \left(\frac{1}{N}\right) + \frac{1}{N^2} + \frac{1}{N^2} = \frac{1}{N^2}$$

$$poso(i)$$
 $q^i + in^2$

caso base

$$\frac{n}{3^{i}} = 1$$

$$n = 3^{i}$$

$$n^{2} = (3^{2})^{2} = (3^{2})^{i} = 9^{i}$$

$$\log_{3}(n) = i$$

reemplozo i

$$N^{2} + \left(\frac{n}{3^{10}} + (n)\right) + (n) + (n) = 1$$

$$= N^{2} + (1) + (n) + (n) + (n) = 1$$

$$O\left(n^{2} \log_{3}(n)\right) \qquad \left[\underset{k=1}{\text{RES } 1}\right]$$

$$= \left[n^{3} \cdot 1\right] = \tau(n)$$

$$= \tau(n)$$

$$2 \times n = 10000$$
 $\rightarrow \tau(10000) = 10000^{3} = 10^{12}$
 $1 \times n = 10000$ $\rightarrow \tau(10000) = 10000^{3} = 10^{12}$
 $1 \times n = 10000$ $\rightarrow \tau(10000) = 100000^{3} = 10^{12}$
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 $1 \times n = 10000$ $\rightarrow \tau(10000) = 100000^{3} = 10^{12}$
 $1 \times n = 10000$
 1

Escaneado con CamScanner

$$T(4) = c^{2} \cdot T(z) + 2 =$$

$$= c^{2} \cdot \left[c^{2} + (1) + 1\right] + 2 =$$

$$= c^{2} \cdot \left[c^{2} \cdot c + 1\right] + 2 =$$

$$= c^{2} \cdot \left[c^{3} + 1\right] + 2 =$$

$$= c^{5} + c^{2} + 2 \Rightarrow c \in A$$

$$Y + (n) = cxe +$$

Tiempo while

 $1 = 5^{\circ}$
 $2 = 5^{\circ}$

3
$$25 = 5^2$$

$$caso base$$
 $5i^{-1} = n^3$
 $i^{-1} = \omega g_5(n^3)$