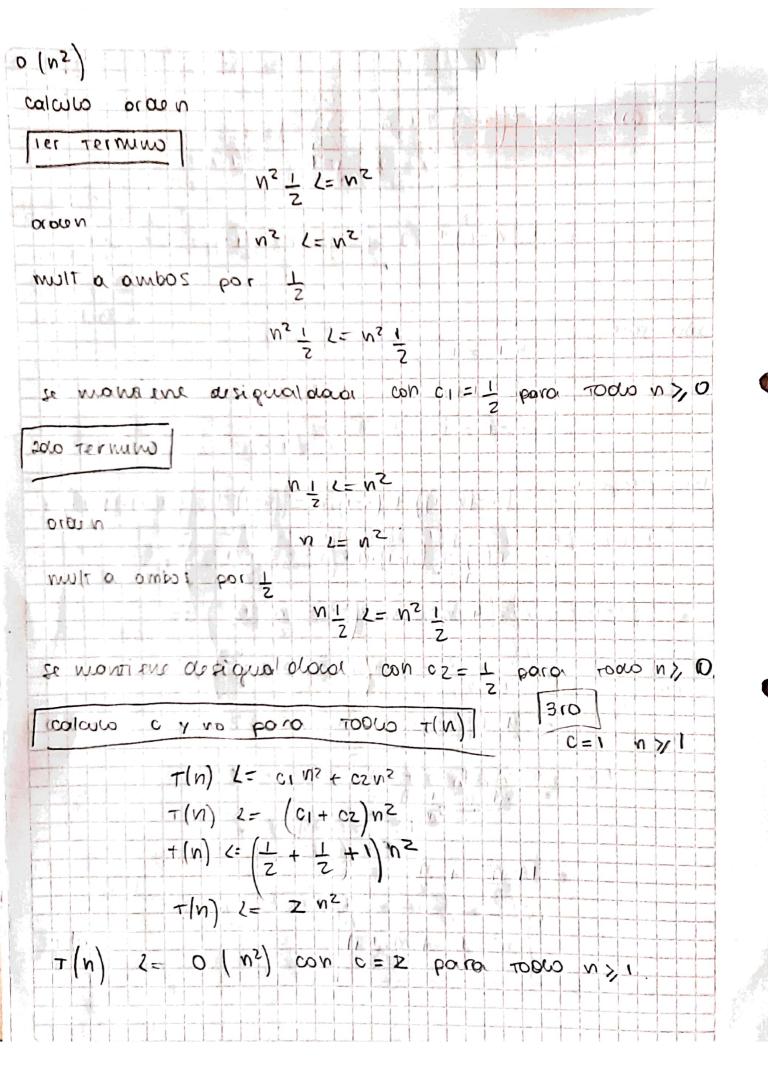


paro ()
$$T(n-i) + i.N - \sum_{j=0}^{i-1} j = T(n-i) + i.N - \sum_{j=0}^{i-1} j = T(n-i) + i.N - (i-i) \cdot ((i-i)+i)$$

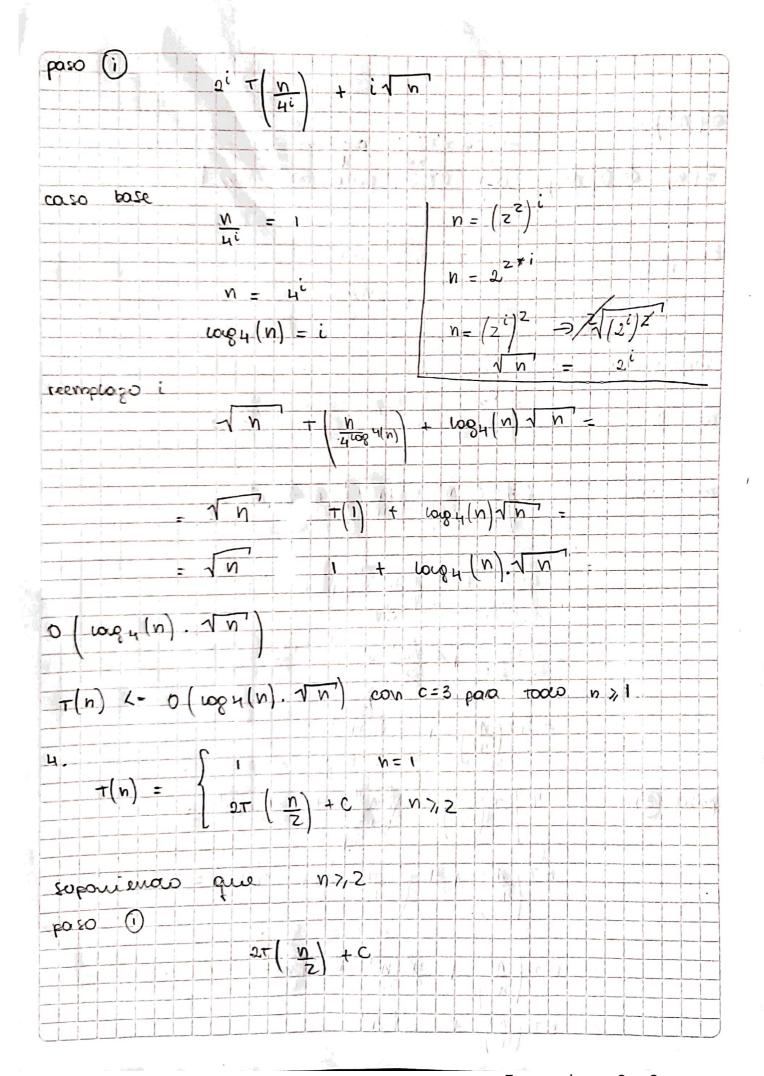
coso base

 $N-1 = 1$
 $N = 1+i$
 $N-1 = i$
 $T(N-(N-i)) + (N-1) \cdot N - ((N-i)-1) \cdot ((N-i)-1) + i) = T(1) + (N-i) \cdot N - (N^2 - 2N + 2)^2 = T(1) + (N-i) \cdot N - (N^2 - 2N + 2)^2 = T(1) + (N-i) \cdot N - (N^2 - 2N + 2) = T(1) + (N-i) \cdot N - (N^2 - 2N + 2) = T(1) + (N-i) \cdot N - (N^2 - 2N + 2) = T(1) + (N-i) \cdot N - (N^2 - 2N + 2) = T(1) + (N-i) \cdot N - (N^2 - 2N + 2) = T(1) + (N-i) \cdot N - (N^2 - 2N + 2) = T(1) + (N-i) \cdot N - (N^2 - 2N + 2) = T(1) + (N-i) \cdot N - (N^2 - 2N + 2) = T(1) + (N-i) \cdot N - (N^2 - 2N + 2) = T(1) + (N-i) \cdot N - (N^2 - 2N + 2) = T(1) + (N-i) \cdot N - (N^2 - 2N + 2) = T(1) \cdot N - (N^2 - 2N$

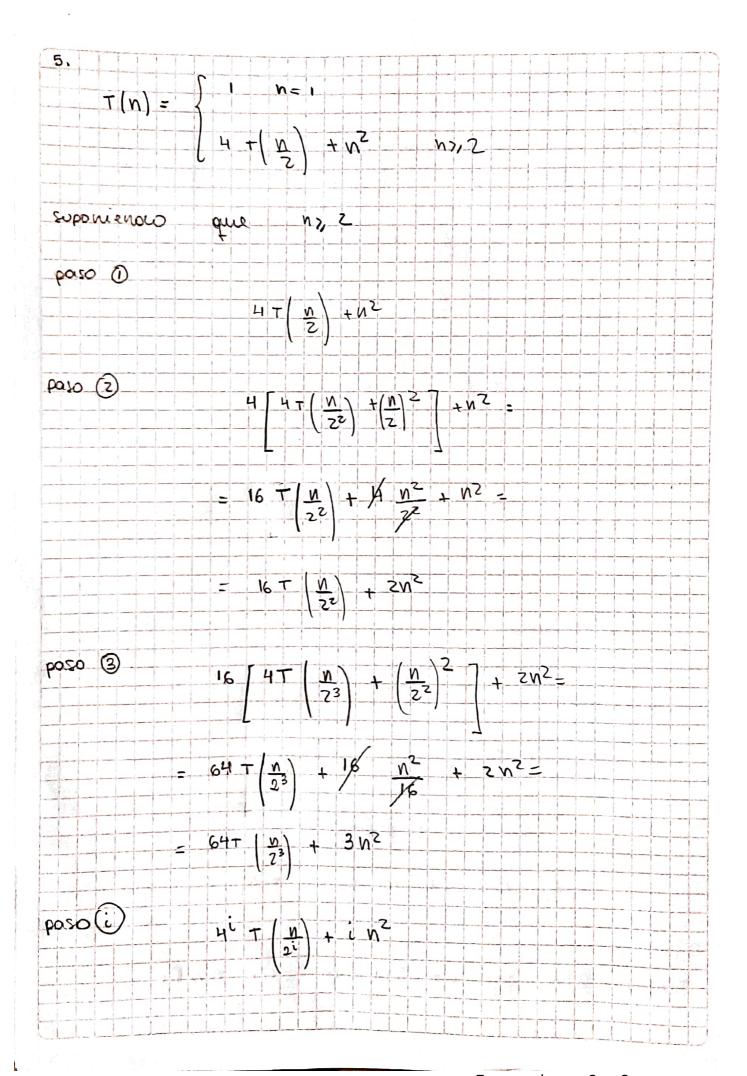


- 7	$(n-i)$ + in - $\frac{1}{2}$ · $((i-1),((i-1)+1))$ = $\frac{1}{2}$ · $\frac{1}{2}$ · $\frac{1}{2}$
	$t(n-i) + in - (i^2-i) =$
	$\pm (n-i)^{\dagger} \stackrel{in}{=} + \stackrel{i}{=} - i^2$
2200 6028	$\gamma_{-i} = 1$
	M = 1 - 1
i Ogalaman	$+(N-(N-1)) + (N-1)N + (N-1) - (N-1)^{2} =$
=	$\frac{7(1) + N^{2} - N}{2} + (N-1) - (N^{2} - 2N + 1) - \frac{1}{2}$ $\frac{1}{2} + N^{2} - N + (N-1) - (N^{2} - 2N + 1) - \frac{1}{2}$
	$8 + 2/n^2 - 3/n + n - 1 - 1/n^2 + 3/n - 1$
	$\frac{3}{2} + n^2 + n + n + n = T(n)$

O (N2)	
	(n2) con c= 2 para rooto nz. 1.
τ (w) <= 0	(n2) con c= 2 para rocco nz.
3.	N = 1
T(N) =	$\sqrt{\frac{1}{2}}$
	$\left(\frac{n}{H}\right) + \sqrt{n}$
suponi endu	que h>2
pa80 0	$2T\left(\frac{\Lambda}{H}\right) + \sqrt{N}$
Paris	T (7 H)
ba 80 S	$2 \left[2T \left(\frac{N}{N^2} \right) + \sqrt{\frac{N}{14}} \right] + \sqrt{N} =$
	$= \frac{1}{4} \left(\frac{N}{4} \right) + \frac{1}{2} \left(\frac{N}{4} \right) + \frac{1}{4} \left(\frac{N}{4} \right) = \frac{1}{4} \left(\frac{N}{4} \right) + $
	(uz) - (uz)
	$= 4 T \left(\frac{\eta}{\mu^2} \right) + 2 \sqrt{\eta} + \sqrt{\eta} = 1$
440	
	$= HT\left(\frac{N}{4^2}\right) + 2N$
	4, [2+/N) + NM"] + 2-1 M =
paso (3)	$\frac{4}{4}$ $\left(\frac{1}{4}\right)$ $\left($
	$87\left(\frac{N}{H^3}\right) + 4\sqrt{\frac{N}{16}} + 2\sqrt{N} = \frac{1}{16}$
	$87\left(\frac{n}{43}\right)+4\sqrt{\frac{n}{16}}+2\sqrt{n}=1$
	B + (N) + Y(N) + 2NN =
	(H3)
=	$8 \pm \left(\frac{N}{H_3}\right) + 31 $



pa80 (2)	$2\left[\alpha T\left(\frac{N}{z^2}\right) + C\right] + C$	
paco	$= 4T \left(\frac{N}{2^2} \right) + 2C + C =$ $= 4T \left(\frac{N}{2^2} \right) + 3C$	
coso base	$\frac{2^{i}}{2^{i}} + \left(2^{i} - 1\right) \cdot C$	
	$N = 2^{\frac{1}{2}}$ $\log_2(N) = 0$	
reemplago i	$N. T \left(\frac{N}{2} cop_2(n) \right) + \left(N - 1 \right). C =$ $N. T (1) + NC - C1 =$	
$O(n)$ $T(n) \leftarrow O(n)$	$- N + N q - c_1 = \tau(N)$	



reentpla 30 i $N^2 + \left(\frac{N}{2} \log_2(N)\right) = N^2 + \left(\frac{N}{2} \log_2(N)\right)$ $= N^2 + \left(\frac{N}{2} \log_2(N)\right)$	$n^2 = (g^i)^2$	
Teernpla 30 i $N^2 + \left(\frac{N}{2} \log_2 x\right)$ $= N^2 \cdot T(1)$	2	1017
$= N^2 \cdot T(1)$		
$= N^2 \cdot T(1)$		
	(n) + $\log_2(n) \cdot n^2 =$	
= h2 + Log	+ log 2(n). N?=	
$O(\log_2(n). n^2)$	$g_2(n) \cdot n^2$	
T(n) <= 0 (wg2(n). n2)-		- 1