$$T(n)=2+(n-2)$$

$$\frac{P_{6100}}{T(n)} = 1 + \sum_{i=2}^{n-1} (1+i) + i$$

$$T(n) = 2 + 2(n-2)$$

$$T(n) = 2n - 2$$

$$T(n) = 2 + 2(n-1)$$

$$T(n) = 1 + (1 + 1 + \sum_{i=1}^{n+1} (n+1+n+1) + (+1)$$

(3)  

$$T(n) = 1 + \sum_{i=1}^{n} + \max(1+1, 1+\sum_{j=1}^{n} (\sum_{k=1}^{n} 1) + 1 + T(\frac{n}{2}) + 1)$$
  
 $T(n) = n^{2} + n + 4 + T(\frac{n}{2})$   
 $i = 2^{k}$ 

$$T(2^{k}) = 4 + 2^{k} + 4^{k} + T(2^{k-1})$$

Homodéne A
$$x^{k-1}(x-1)=0$$

$$x=1$$

$$x^{k}$$

$$X=X^{m}+X^{p}=A+B\cdot Z^{k}+C\cdot Y^{k}$$
  
 $X=A+Bn+Cn^{2}$   
Complejided:  $O(n^{2})$