





$$F(n) = 2K \qquad Bk + C = 2 (B(k - 1) + C) + 2k$$

$$T(n) = Bk + C \qquad Bk + C = 2Bk - 2B + 2C + 2k$$

$$K \qquad B = 2B + 2 \qquad B = -2$$

$$C + C = -2B + 2C \qquad - C = 4 \qquad C = -4$$

$$T(1) = 10$$

$$T = 2^{1} \qquad K = 10^{2} (n)$$

$$T(n) = A 2^{10} (n) - 2^{10} (n) - 4$$

$$T(n) = A 1^{10} (n) - 2^{10} (n) - 4$$

$$T(n) = A 1 - 2^{10} (n) - 4$$

$$T(n) = A 1 - 4 \qquad (4 = A)$$

$$T(n) = 14 n - 2^{10} (n) - 4$$

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T(0) = 4T(0) - 4T(0) + 20 + 0000 T(1) = 10
  \left( 0 = 2^{n} \right)
 T(2k) = 4T(2k-1)-4T(2x-5) + 2×2x + 10(5) K2K
 TK = 4TK-1 - 4TK-2 + 2×2 + 1n(2) K 2K
   x2-4x+4=0 x=2,2
  Th = A2 + Bk2*
                               =(k)=2(2^{k}+n6)+2^{k}
                               F(K)=(2+|n(3)+) 2*
  T_{k=1}^{(p)} (C_{k+1}) 2^{k} k^{2}
                                      100 orden 1
C +32 K + D +2 2 K = 4 C (K - 1) 2 + 4 D (k - 1) 2 K
               -4c(k-2)2 - 4 D(k-2)2k
                +2*2* + 10(2) + 2*
C | \sqrt{3} | \sqrt{4} | D | \sqrt{2} | = 2C (| \sqrt{3} - 3| \sqrt{2} + 3| \sqrt{4} - 2| \sqrt{2} + 2| D (| \sqrt{2} - 2| \sqrt{4} + 1) | 2| 
               -c ( x3-6x2+12k-8)2k-D(x2-4K+4)2k
                +2×2* + 1/(2) K2*
  k32K
          C = 2C - C
  122K
          0= -6c +2D +6C -D :D
  KZK
          0 = 6c-4D-12c+4D+1n(2)
            0=-20+20+20+2
           0=6C-2D+2
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