11.
$$T(n) = \begin{cases} f(n) \\ a \cdot T(n-c) + g(n) \end{cases}$$
 $0 \le n < n$.
 $n \ge n$.
 $T(n) \in \begin{cases} \Theta(n^k) & \text{since} \\ \Theta(n^{k+1}) & \text{a=1} \\ \Theta(n^{k+1}) & \text{a>1} \end{cases}$ $g \in \Theta(n^k)$.

Caming (n)
$$\frac{1}{n}$$

teoremes mestres

$$C(n) = C(n-2) + \Theta(4n)$$
 $\frac{1}{n}$
 $\frac{1}{n}$

$$C(n) = 4n + (4(n-2) + (4(n-4) + (...)))$$

$$= 4n + 4(n-2) + 4(n-4) - + + + 4$$

$$= 4(n+n-2) + 4(n-4) - + + + 4$$

$$= 4(n+n-2) + 4(n-4) - + + + 4$$

$$= 4(n+n-2) + 4(n-4) - + + + 4$$

$$= 4(n+n-2) + 4(n-4) - + + + 4$$

$$= 4(n+n-2) + 4(n-4) - + + + 4$$

$$= 4(n+n-2) + 4(n-4) + (...)$$

$$= 4(n+n-2) + 4(n-4) + (...)$$