

T(h) + a. T(n/6) + F(n) T(n) = 3T(n/3)+0(n) a = 3 b = 3 d = 7 b = 3 (aso 2: a = bd $T(n) = O(n^d \log n)$ Identifica los valores de a, b y F(n) ell: $\alpha = 3$ b = 3 f(n) = o(n)Campara F(n) con nº09 ba Para F(n) con n^{1070} b^{1} $R1: n^{109}b^{9} = n^{109}3^{3}$ $3^{1} = 3$, $\log 3^{3} = 1$ 109 ba = 1 = 1 Ambos sur O(n) to Caso 2 Determina la complejidad final T(n) R1: f(n) = O(n logba) T(n) = O(n log b9 . log n) T(n) = 0 (n · log n)/

