$2T(n/2) + \Theta(n)$

$eT(n/e) + bn$

$k = 1$
$a = 2$
$e = 2$

$a = e^k$

$n^k \lg n$

$n \lg n$

"vero" QUICKSORT

QUICKSORT (A, ℓ, z) ~~(ℓ, z)~~

~~pago~~ ~~$k = \iota$~~ ~~$\ell = j$~~ ~~algo~~ ~~cosa ka~~

~~Repeat~~
~~if A[~~

pago $\iota = \ell$, $j = z$
Repeat
while $A[\iota] \times a$ do $\iota = \iota + 1$
while $A[j] > a$ do $j = j - 1$
if $\iota \leq j$ then
$\qquad$ scuba $A[\iota]$ e $A[j]$ $\qquad \iota + 1$ $\quad j - 1$
~~repa~~ until $\iota > j$
if $\ell < j$ QUICKSORT (ℓ, j)
if $\iota < z$ QUICKSORT (ι, z)