

Algorítmica: práctica 1

Análisis de la eficiencia de algoritmos

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Test

Hola a todos

Me gustan los ponies

Helicóptero

$$f_x = x^4 + 5$$

- Unicornio
- Pony
- Caballo

1. Unicornio
2. Pony
3. Caballo

Teorema

Esto es un teorema.

Corolario

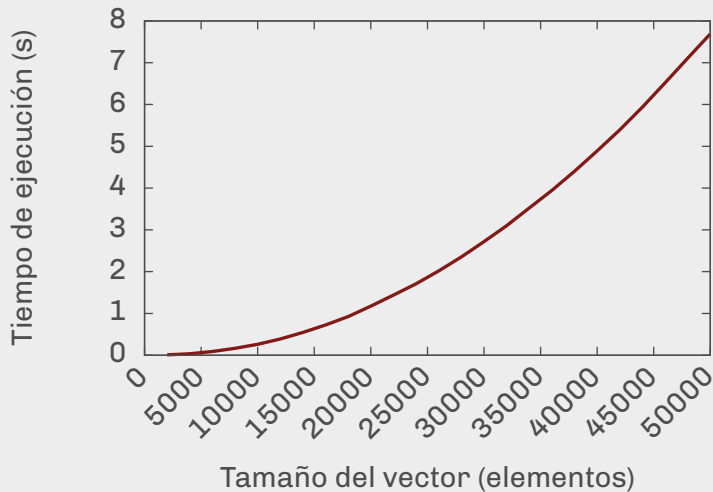
Esto es un corolario.

Demostración.

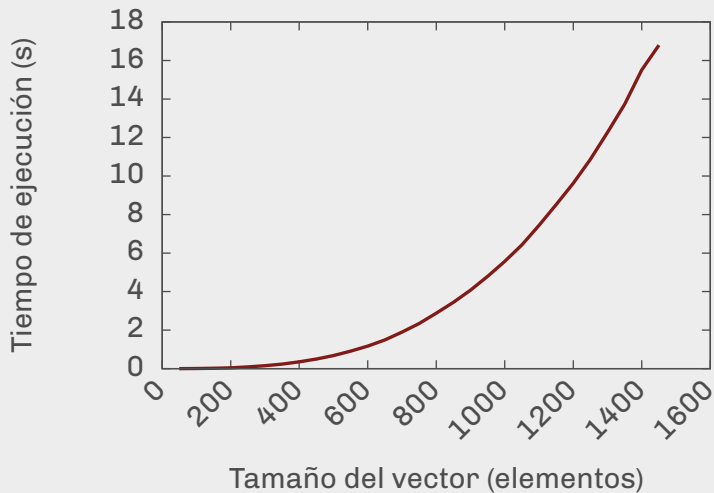
$$d((t, x), (t_0, x_0)) = \sqrt{(t - t_0)^2 + (x - x_0)^2} < \varepsilon_0$$



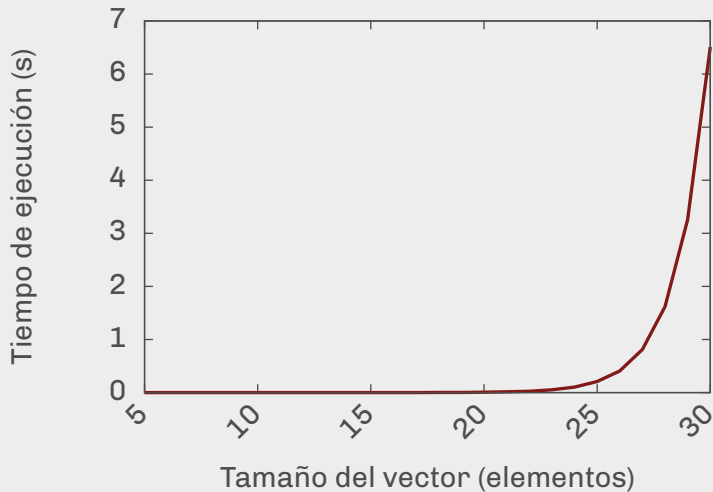
burbuja-linux-00



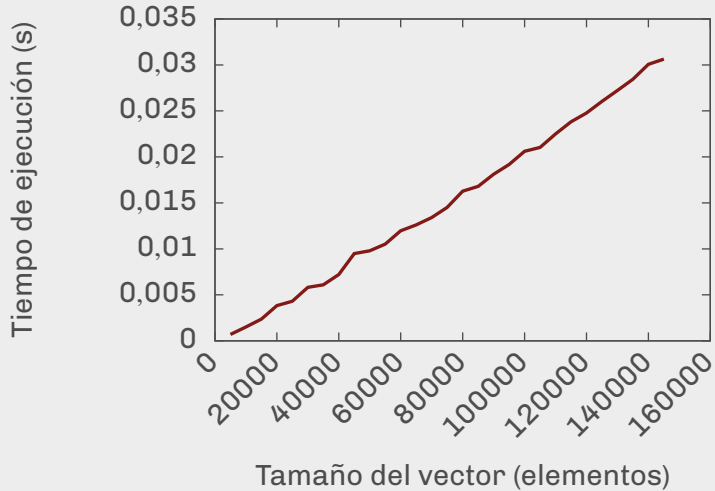
floyd-linux-00



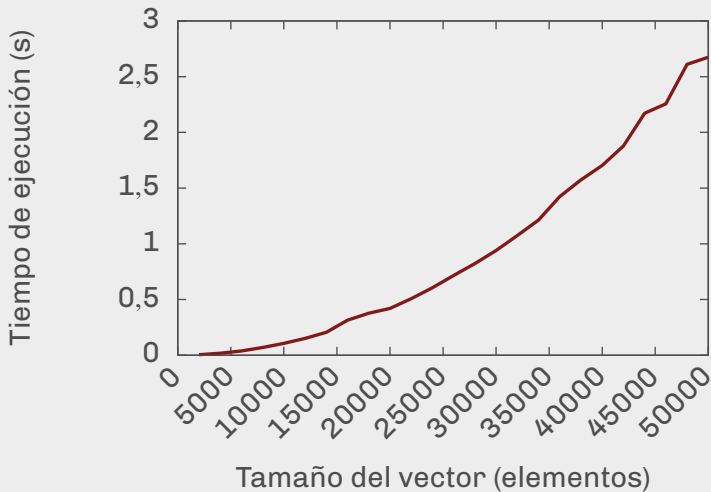
hanoi-linux-00



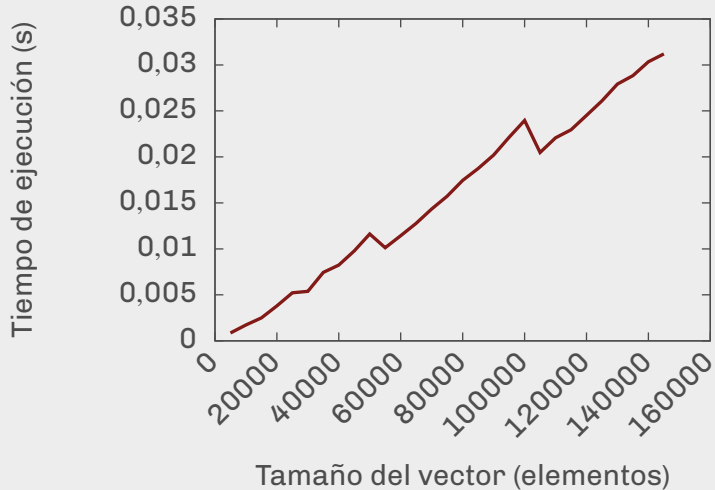
heapsort-linux-00

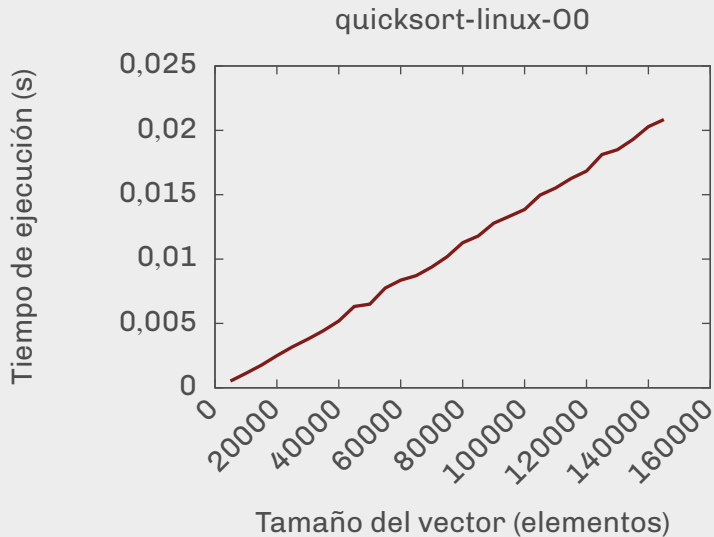


insercion-linux-00

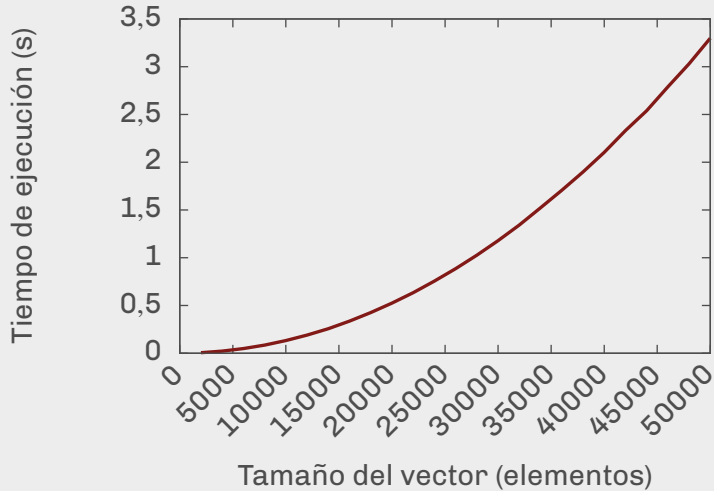


mergesort-linux-00





seleccion-linux-00



Elementos	Tiempo en segundos
2,000	$8,02 \cdot 10^{-3}$
4,000	$3,5 \cdot 10^{-2}$
6,000	$8,93 \cdot 10^{-2}$
8,000	0,16
10,000	0,26
12,000	0,39
14,000	0,55
16,000	0,73
18,000	0,93
20,000	1,18
22,000	1,44
24,000	1,71
26,000	2,02
28,000	2,35
30,000	2,72
32,000	3,1
34,000	3,53
36,000	3,95
38,000	4,4
40,000	4,89
42,000	5,39
44,000	5,94
46,000	6,52
48,000	7,11
50,000	7,69

burbuja-linux-00