```
Algorithm 1: Quick Sort Tce3
 1 def quick\_sort\_tce3(t, \ell, r):
        while r-\ell > 15 do
 2
            p \leftarrow partition(t, \ell, r)
 3
            if p - \ell \le r - p then
                quick\_sort\_tce3(t, \ell, p)
 5
                 \ell \leftarrow p
            else
                 quick\_sort\_tce3(t, p, r)
 9
       insertion\_sort(t, \ell, r)
10
11
```