Algorithms → Sorting algorithms → Quick sort

Quick sort → Statements

▮ Medium ⏱ 1 minute ⓘ

Select correct statements about **quicksort**.

▤ Report a typo

↧ Select one or more options from the list

- ☑ Choosing the rightmost element as the pivot causes the worst-case behaviour on already sorted arrays.
- ☐ The average-case time complexity is not better than $O(n^2)$.
- ☑ **Partition** is a operation that rearranges an array to choose the correct position for the pivot.
- ☐ The efficiency of the algorithm does not depend on the pivot choosing strategy.

✓ Correct.

48 users liked this problem. **2** didn't like it. **What about you?**

😍 🙂 😐 🙁 😡

Continue

Comments (1)   Hints (0)   Useful links (0)   Show discussion