Algorithms → Sorting algorithms → Bubble sort

Bubble sort → Statements

▫ Easy   ◷ 1 minute   ?

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Select all correct statements about **bubble sort**.

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- [ ] If an array must be sorted in the descending order, the wrong order is the case when the previous element is greater than the next one.
- [ ] The algorithm is **unstable**.
- [x] The worst-case time complexity is O(n^2) where **n** is the array length.
- [x] The algorithm can move an element many times.

✓ Correct.

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