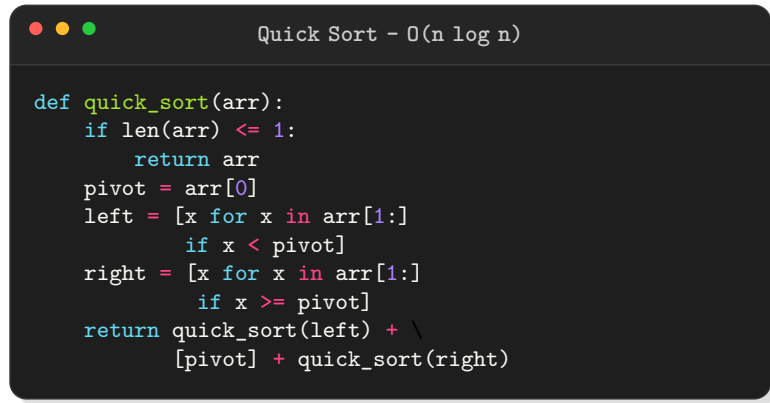
A code editor window with a light gray title bar containing three colored window control buttons (red, yellow, green) on the left and the text "Bubble Sort - O(n²)" on the right. The main area has a white background and contains Python code for the bubble sort algorithm.

```
def bubble_sort(arr):  
    n = len(arr)  
    for i in range(n):  
        for j in range(n-i-1):  
            if arr[j] > arr[j+1]:  
                arr[j], arr[j+1] = \  
                    arr[j+1], arr[j]
```

A code editor window with a dark gray title bar containing three colored window control buttons (red, yellow, green) on the left and the text "Quick Sort - O(n log n)" on the right. The main area has a dark background and contains Python code for the quick sort algorithm.

```
def quick_sort(arr):  
    if len(arr) <= 1:  
        return arr  
    pivot = arr[0]  
    left = [x for x in arr[1:]  
            if x < pivot]  
    right = [x for x in arr[1:]  
             if x >= pivot]  
    return quick_sort(left) + \  
           [pivot] + quick_sort(right)
```

Figura 1: Comparación de algoritmos de ordenación