



---

# Complexity Analysis

---

Edinson Uribe<sup>1</sup> and Fabian Kåhre<sup>2</sup>

<sup>1</sup>edinson.uribe01@gmail.com

<sup>2</sup>fabian.kahre@gmail.com

November 16, 2025

DVGB03 Datastrukturer och algoritmer

Datavetenskap

Fakulteten för hälsa-, teknik- och naturvetenskap

---

## Contents

<b>1</b>	<b>Introduction</b>	<b>2</b>
1.1	Background . . . . .	2
<b>2</b>	<b>Design and Implementation</b>	<b>2</b>
2.1	Experimental Setup and Results . . . . .	2
<b>3</b>	<b>Analysis</b>	<b>2</b>
3.1	Problems Encountered . . . . .	2
<b>4</b>	<b>Conclusion</b>	<b>2</b>
<b>A</b>	<b>Program Code</b>	<b>3</b>
<b>B</b>	<b>Code References</b>	<b>3</b>

# **1 Introduction**

## **1.1 Background**

bla bla bla [?]

# **2 Design and Implementation**

## **2.1 Experimental Setup and Results**

# **3 Analysis**

## **3.1 Problems Encountered**

# **4 Conclusion**

## References

### A Program Code

```
// Your code goes here  
public static void sort(int[] arr) {  
    ...  
}
```

Listing 1: Main Sorting Algorithm

### B Code References