Aarhus University

Algorithm Engineering

Project report

Authors:

Laurids Møller Jepsen
XXXXXXXX
laurids.mj@gmail.com

Jeppe Haugaard Sørensen
XXXXXXXX
jeppe.haugaard.sorensen@gmail.com

Morten Sørensen
XXXXXXXX
glantie@hotmail.com

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Chapter 1

Binary Search

1.1 Introduction

FIGURE 1.1: Bla bla bla.

- Linear search
- Inorder

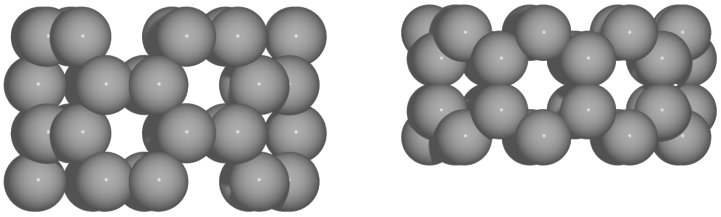
- BFS
- DFS
- vEB

In [1] it is mentioned that...

Chapter 2

The name of chapter 2

2.1 A headline



(a) foo (b) bar

FIGURE 2.1: Look, a foobar!

The foo and bar is shown side by side in figure 2.1...

Blablalbalalkbjalkjdf.

The cool data is shown in table 2.1...

N_{cap}	10	11	12	13	14	15	16
$E_{\mathrm{cap},N_{\mathrm{cap}}}$ [eV]	-45.505	-45.968	-45.981	-46.250	-46.181	-46.450	-46.303
	17	18	19	20	21	22	23
	-46.506	-46.390	-46.611	-46.471	-46.692	-46.552	-46.622
	24	25	26	27	28	29	30
	-46.554	-46.652	-46.570	-46.690	-46.612	-46.670	-46.645

TABLE 2.1: A table, bla bla bla.

Chapter 3

The name of chapter 3

3.1 A headline

3.1.1 A subsection headline

Awesome code:

```
#include <iostream>
using namespace std;
int main()
{
    cout << "Hello World!" << endl;
    return 0;
}
```

$$a = \log\left(1 + \sum_{k=1}^{n} \frac{b_k}{k}\right) \tag{3.1}$$

From (3.1) it is seen that...

Bibliography

[1] Gerth Stølting Brodal, Rolf Fagerberg, and Riko Jacob. Cache-oblivious search trees via binary trees of small height. *In Proc. 13th Annual ACM-SIAM Symposium on Discrete Algorithms (SODA)*, pages 39–48, 2002.