Mixed Goods

TDT4501 - Computer Science, Specialization Project

Sivert Utne

October 19, 2022

Abstract

In the world of fair allocation of indivisible items and fair division of divisible items it might be wise to look at the combination of these two field. This will be the fair allocation and division of mixed goods.

Contents

Chapter 1

Introduction

This is the introduction [1]. Also check out Listing 1.1.

1.1   Preliminaries

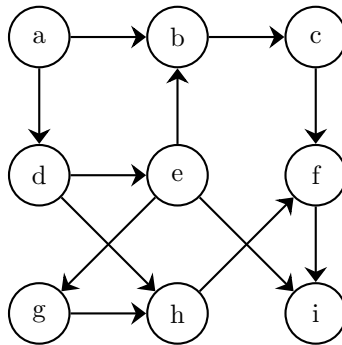Preliminaries which also show Figure 1.1.

Figure 1.1: Just a graph

And also check out the figure in Figure A.1.

1.2 Previous Work

```c
#include <stdio.h>

int main()
{
    /* printf() outputs the quoted string */
    printf("Hello, World!");
    return 0;
}
```

Listing 1.1: Hello World in C

```julia
print("Hello Document!")
```

Listing 1.2: Hello World in Julia

Chapter 2

Results

Results and shit

2.1 algorithms

Algorithms and stuff

Chapter 3

Conclusions

Conclusions made to answer Chapter 1. See Appendix B for further discussion. Also Figure 3.1 is pretty nice in combination with Table 3.1 and Section 3.1 + Section 3.1.1.

Figure 3.1: Conclusions Figure

Conclusions	Table
Lorem	Ipsum
Dolor	Sit
Amet	Consectetur

Table 3.1: Conclusions Table

3.1 Section

A lot of text and stuff

3.1.1 Subsection

A lot new text

```
print("Hello Document!")
```

Listing 3.1: Hello World in Julia 2

Bibliography

[1] Leslie Lamport. *LATEX: a Document Preparation System.* Addison Wesley, Massachusetts, 2 edition, 1994.

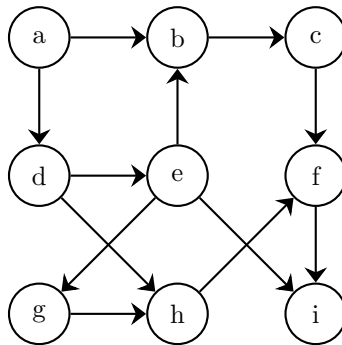# Appendix A

My appendix number 1

First appendix content

Figure A.1: My appendix number 1 figure 1

Appendix B

PDF

1 Introduction

This is the introduction [1]. Also check out Listing 1.

```c
#include <stdio.h>

int main()
{
    /* printf() outputs the quoted string */
    printf("Hello, World!");
    return 0;
}
```

Listing 1: Hello World in C

and some text

1

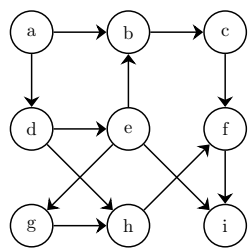## 2   Preliminaries

Preliminaries which also show Figure 1.

Figure 1: Just a graph

And also check out the figure in Figure 3.