



SCHOOL OF COMPUTATION,  
INFORMATION AND TECHNOLOGY —  
INFORMATICS

TECHNISCHE UNIVERSITÄT MÜNCHEN

Bachelor's Thesis in Informatics

**Improved Symbol Table Construction for  
FSST Compression**

Hedi Chehaidar





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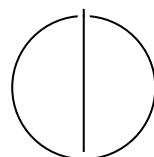
TECHNISCHE UNIVERSITÄT MÜNCHEN

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**Improved Symbol Table Construction for  
FSST Compression**

**Verbesserte Symboltabellenkonstruktion für  
die FSST-Komprimierung**

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I confirm that this bachelor's thesis is my own work and I have documented all sources and material used.

Munich, January 7, 2026

Hedi Chehaidar

## **Acknowledgments**

# **Abstract**

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# 1 Introduction

## 1.1 Section

Citation test [Lam94].

Acronyms must be added in `main.tex` and are referenced using macros. The first occurrence is automatically replaced with the long version of the acronym, while all subsequent usages use the abbreviation.

E.g. `\ac{TUM}`, `\ac{TUM}`  $\Rightarrow$  Technical University of Munich (TUM), TUM

For more details, see the documentation of the `acronym` package<sup>1</sup>.

### 1.1.1 Subsection

See Table 1.1, Figure 1.1, Figure 1.2, Figure 1.3.

Table 1.1: An example for a simple table.

A	B	C	D
1	2	1	2
2	3	2	3

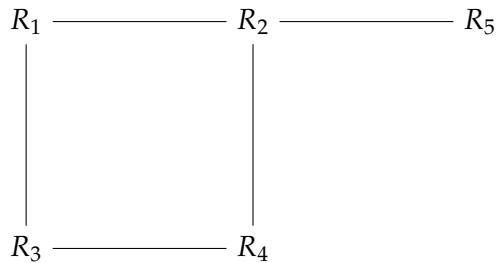


Figure 1.1: An example for a simple drawing.

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<sup>1</sup><https://ctan.org/pkg/acronym>

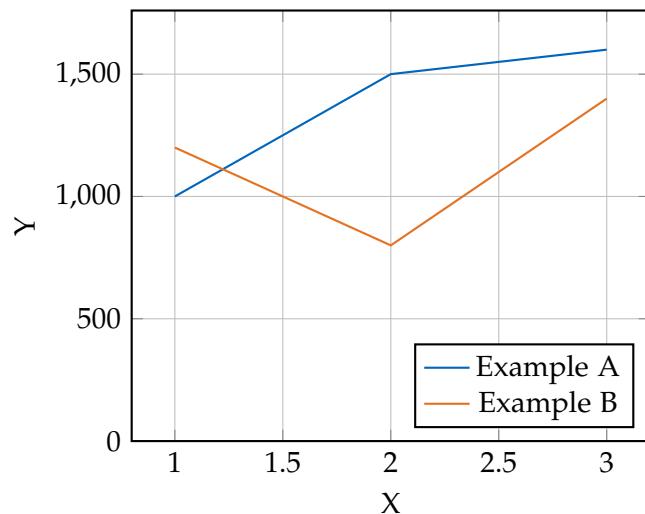


Figure 1.2: An example for a simple plot.

```
SELECT * FROM tbl WHERE tbl.str = "str"
```

Figure 1.3: An example for a source code listing.

# **Abbreviations**

**TUM** Technical University of Munich

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# Bibliography

- [Lam94] L. Lamport. *LaTeX : A Documentation Preparation System User's Guide and Reference Manual*. Addison-Wesley Professional, 1994.