

SCHOOL OF COMPUTATION,
INFORMATION AND TECHNOLOGY —
INFORMATICS

TECHNISCHE UNIVERSITÄT MÜNCHEN

Master's Thesis in Data Engineering & Analytics

**Enhancing Photovoltaic Detection Using
Generative AI for Super-Resolution Satellite
Imagery**

Ziyad Mourabiti

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Titel der Abschlussarbeit

| | |
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| Submission Date: | Submission date |

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

Munich, Submission date

Ziyad Mourabiti

Acknowledgments

Abstract

Contents

| | |
|----------------------------|------------|
| Acknowledgments | iii |
| Abstract | iv |
| 1 Introduction | 1 |
| 1.1 Section | 1 |
| 1.1.1 Subsection | 1 |
| Abbreviations | 3 |
| List of Figures | 4 |
| List of Tables | 5 |
| Bibliography | 6 |

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 package¹.

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.

¹<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

List of Figures

| | | |
|-----|---------------------------|---|
| 1.1 | Example drawing | 1 |
| 1.2 | Example plot | 2 |
| 1.3 | Example listing | 2 |

List of Tables

| | | |
|-----|-------------------------|---|
| 1.1 | Example table | 1 |
|-----|-------------------------|---|

Bibliography

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