



SCHOOL OF COMPUTER AND  
COMMUNICATION SCIENCES

ÉCOLE POLYTECHNIQUE FÉDÉRALE DE LAUSANNE

## **Computer Vision Laboratory**

# **Unseen Spacecraft Pose Estimation**

Baseline implementation of a generalizable 6DoF  
object pose estimator with target models included

Bachelor's Thesis in Computer Science

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Semester:	Fall 2023

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

Lausanne, Switzerland, Fall 2023

Jérémy Chaverot

## **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

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

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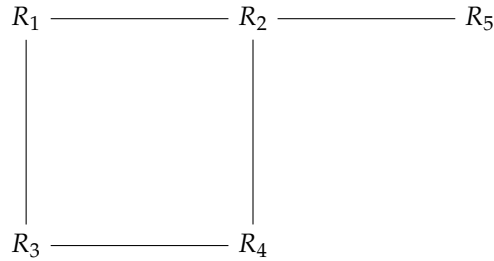


Figure 1.1: An example for a simple drawing.

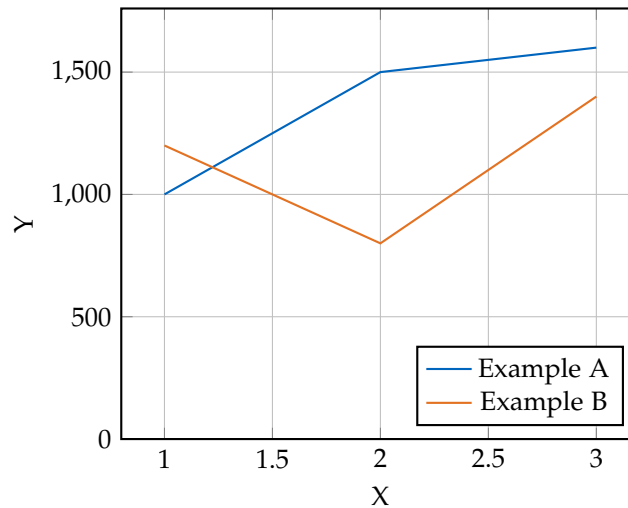


Figure 1.2: An example for a simple plot.

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

Figure 1.3: An example for a source code listing.

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# Abbreviations

**TUM** Technical University of Munich

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# List of Tables

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# Bibliography

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