DEPARTMENT OF COMPUTER SCIENCE
AND MATHEMATICS

UNIVERSITY OF APPLIED SCIENCES MUNICH

Master's Thesis in Computer Science

Interactive Segmentation Methods

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Interactive Segmentation Methods

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Submission Date:	Submission date

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

Munich, Submission date Alexander Fertig

Zusammenfassung

1. Introductions
2. Basics
    a) ML, DL, CNN
    b) Semantic Segmentation (IoU)
    c) Interactive Semantic Segmentation (Methods of comparison)
3. Methods
    a) IOG
    b) Extreme Points
4. Benchmark
    a) Motivation and structure of the Benchmark
    b) Applied Methods
    c) Evaluation (or put Evaluation as own chapter)
5. Conclusion

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1 Introduction

1.1 Section

Citation test [Lam94] [Zha+20].

1.1.1 Subsection

See Tabelle 1.1, Abbildung 1.1, Abbildung 1.2, Abbildung 1.3.

Tabelle 1.1: An example for a simple table.

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

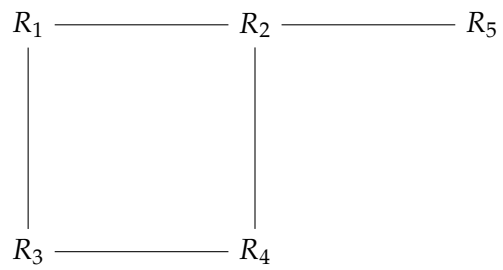

Abbildung 1.1: An example for a simple drawing.

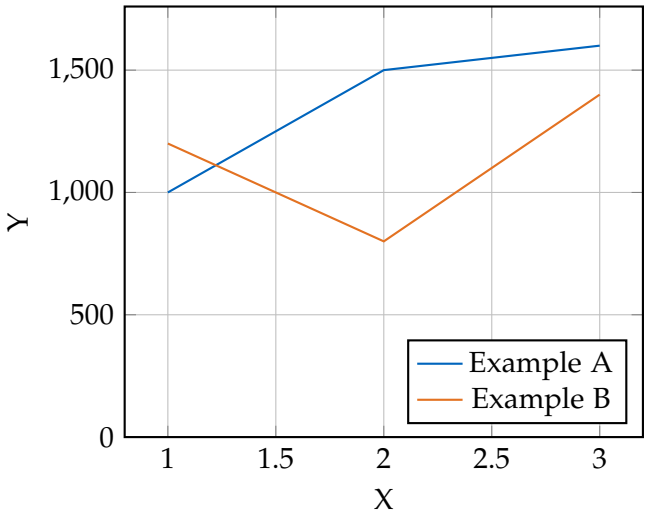

Abbildung 1.2: An example for a simple plot.

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

Abbildung 1.3: An example for a source code listing.

Abbildungsverzeichnis

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

Tabellenverzeichnis

1.1 Example table 1

Literatur

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

[Zha+20] S. Zhang, J. H. Liew, Y. Wei, S. Wei und Y. Zhao. „Interactive Object Segmentation With Inside-Outside Guidance“. In: *Proceedings of the IEEE/CVF Conference on Computer Vision and Pattern Recognition*. 2020, S. 12234–12244.