

On-line recognition of handwritten mathematical symbols

Bachelor's Thesis of

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I declare that I have developed and written the enclosed thesis completely by myself, and have not used sources or means without declaration in the text.

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(Martin Thoma)

Acknowledgement

TODO

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1. Introduction

Handwriting recognition is the problem of finding a proper textual representation given a handwritten symbol or sequence of symbols.

In off-line handwriting recognition, all algorithms have to work on pixel image information of the handwriting. On-line handwriting recognition on the other hand can use the information how symbols were written.

2. Baseline system

A system for symbol recognition was already written and is described in [Kir10].

2.1. Section 1

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2.2. Section 2

...

3. Content Chapter 2

... TODO [ZB02]

3.1. Section 1

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3.2. Section 2

...

Add additional content chapters if required.

4. Evaluation

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4.1. Section 1

...

4.2. Section 2

...

4.3. Section 3

...

5. Conclusion

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Bibliography

- [Kir10] D. Kirsch, “Detexify: Erkennung handgemalter latex-symbole,” Diploma thesis, Westfälische Wilhelms-Universität Münster, 10 2010. [Online]. Available: <http://danielkirs.ch/thesis.pdf>
- [ZB02] R. Zanibbi and D. Blostein, “Recognizing mathematical expressions using tree transformation,” 11 2002. [Online]. Available: https://ritdml.rit.edu/bitstream/handle/1850/7732/RZanibbiArticle11-2002.pdf?sequence=1&origin=publication_detail

Appendix

A. First Appendix Section

ein Bild

Figure A.1.: A figure

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