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**Faculty of  
Engineering, Computer Science  
and Psychology**  
Neural Information Processing

# A long title splitted into two lines

Master thesis at Ulm University

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## Abstract

Speaker identification has gained wide traction as an application area for artificial neural networks over recent years. However, the majority of implementations have utilized i-Vector methods. An emerging novel approach to speaker identification has been the application of convolutional neural networks

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ChangeLog:

2018-10-10: Small changes in structure

2018-10-09: Faculty and department name adjusted



## **Acknowledgment**

Acknowledgement goes here. Thanks to Guido de Melo for providing Version 1.0 of this template!



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# 1

## Introduction

The introduction of a thesis usually contains the motivation for the topic, the problem statement (see section 1.1), a description of the contribution / results of the thesis (see section 1.2), and a short description of the structure of the thesis (see section 1.3).

A figure is always referenced in text. See for example figure 1.1.

Whole chapters are referenced using Chapter 1, subsections using subsection 1.1.

Statement originating from the literature receive a reference at the end of the sentence [1].

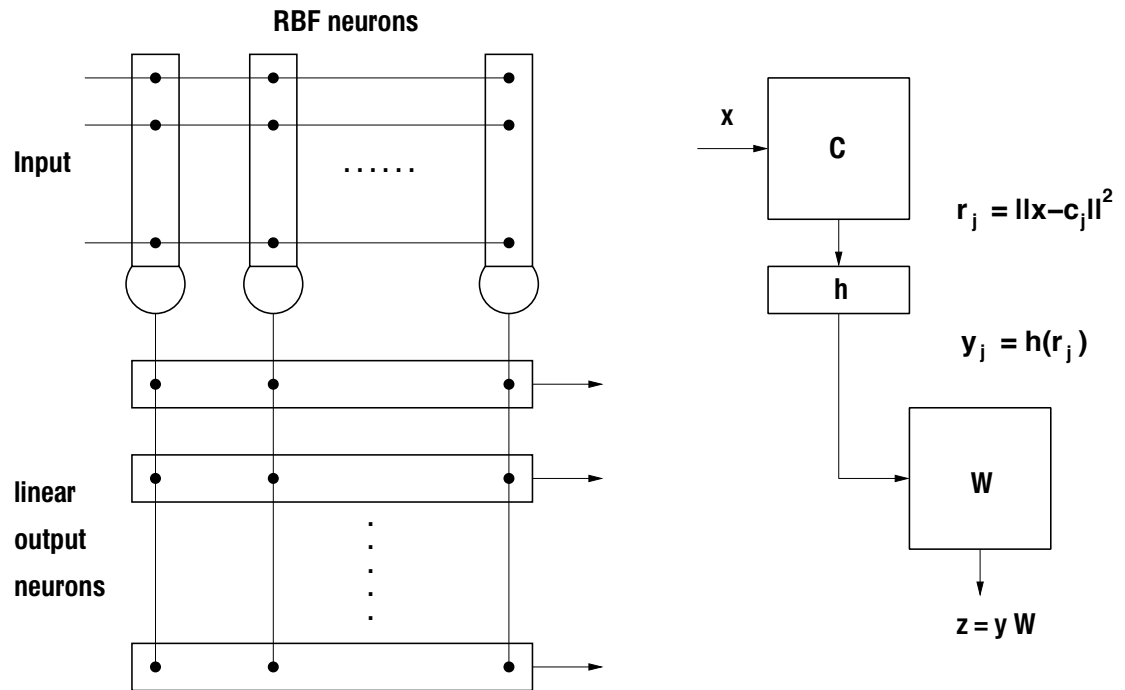


Figure 1.1: A simple two layer radial basis function network

## 1.1 Problem statement

The problem statement of your thesis goes here!

## 1.2 Contributions and results

Describe contributions and results here!

## 1.3 Structure of the thesis

Explain the structure of your thesis here!

# Bibliography

- [1] Schwenker, F., Kestler, H.A., Palm, G.: Three learning phases for radial-basis-function networks. *Neural networks* **14** (2001) 439–458



# A

## Sources

Appendix contains important source code snippets.

```
1 public class Hello {  
2     public static void main(String[] args) {  
3         System.out.println("I love machine learning");  
4     }  
5 }
```

Listing A.1: Lines of code



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**Honesty disclaimer**

I hereby affirm that I wrote this thesis independently and that I did not use any other sources or tools than the ones specified.

Ulm, ..... .

Max Munk