

***Affirmation in lieu of oath (Appendix 5)***

First name:

Surname:

Chair, research group:

Ruhr-Universität Bochum  
An die Vorsitzende bzw. den Vorsitzenden  
des Promotionsausschusses der Fakultät  
für Elektrotechnik und Informationstechnik  
ID 1/643  
Universitätsstraße 150  
44801 Bochum

Date:

Dear Sir or Madam,

I hereby declare under oath that I have prepared the thesis submitted independently and without inadmissible third-party assistance, that I have not used any literature except that cited in the thesis, and that I have identified all text passages quoted in full or by way of approximation, as well as all graphics, tables and analysis programs used. In addition, I hereby assure that the electronic version of the thesis submitted matches the written version, and that no paper in this or in a similar form has yet been submitted and evaluated as a PhD thesis.

Furthermore, I hereby declare that digital images only include the original data or a clear documentation of the type and extent of the image editing performed with regard to content.

I also hereby ensure that I have not made use of any commercial mediation or consulting services.

Yours faithfully,

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Signature