

The background of the cover features a large, light blue watermark of the University of Freiburg seal. The seal is circular and contains a central shield with a seated figure, surrounded by Latin text and architectural elements.

Master's Thesis

Direct Solar-To-Hydrogen Conversion

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INATECH - Institute for Sustainable Systems Engineering
MSc. Sustainable Systems Engineering

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Declaration	<p>I hereby declare, that I am the sole author and composer of this Thesis and that no other sources or learning aids, other than those listed, have been used. Furthermore, I declare that I have acknowledged the work of others by providing detailed references of said work.</p> <p>I hereby also declare, that my Thesis has not been prepared for another examination or assignment, either wholly or excerpts thereof.</p>

Place, Date

Signature

Abstract

Your abstract goes here.

Zusammenfassung

Ihre Zusammenfassung kommt hier hin.

List of Figures

List of Tables

Acronyms

Chapter 1

Introduction

This chapter outlines the motivation for this thesis in the field of electrical engineering. Possible problems that could be encountered during the development and evaluation process are also discussed.

1.1 Motivation

This Thesis targets a key topic of... **ayersPEMElectrolysisForerunner2021**.

1.2 Problem and Research Questions

Chapter 2

Theoretical Background

This chapter explains the theoretical background necessary to understand the concepts presented in this thesis. Concepts such as Electrolysis, Proton Exchange Membrane Electrolysis,

Chapter 3

State of the Art

This chapter compares the current state of the art and the work done in this thesis. Note Quotations always end before a full stop, question mark, comma, etc... like so: "I know", she said.

Chapter 4

Implementation

This chapter contains a description of how the implemented algorithm works.

Chapter 5

Experimental Setup

This chapter contains an explanation of how the experimental setup was done, what parameters had to be controlled, and the equipment used.

Chapter 6

Results and Discussion

In this chapter, the results of the thesis are presented and evaluated as well as, the approach of this thesis.

Chapter 7

Summary

This chapter provides a summary of the key findings and contributions of this thesis.

Chapter 8

Conclusion

Your conclusion goes here.

In this chapter, a conclusion is made and the thesis is roughly summarised.

Chapter 9

Outlook

In this chapter, the future work and potential improvements for the thesis are discussed. Your outlook goes here.

Acknowledgments

Your acknowledgments go here.

Appendix A

Appendix

Your appendix goes here.