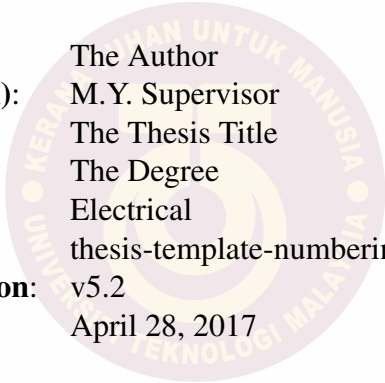


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Dedication

ACKNOWLEDGEMENT

Acknowledgement

ABSTRACT

This is the English abstract

ABSTRAK

Ini adalah abstrak Bahasa Melayu

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LIST OF ABBREVIATIONS

XML - Extensible Markup Language

LIST OF SYMBOLS

γ - Whatever

LIST OF APPENDICES

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CHAPTER 1

INTRODUCTION

1.1 Problem Background

Introduction to the thesis [1] to the thesis [2].

1.2 State-of-the-Arts

1.3 Problem Statement

1.4 Objective and Scope

1.5 Organization

CHAPTER 2

LITERATURE REVIEW

2.1 State-of-the-Arts

2.2 Limitations

1. Mentor Graphics 2
 - (a) item 3
2. item 4

2.3 Research Gaps

The processing at layer-5¹ is done ...

¹In this thesis, OSI model is used.

CHAPTER 3

RESEARCH METHODOLOGY

- 3.1 Top-level View**
- 3.2 Research Activities**
- 3.3 Controllables vs. Obseravables**
- 3.4 Techniques**
- 3.5 Tools and Platforms**
- 3.6 Chapter Summary**

CHAPTER 4

PROPOSED WORK

- 4.1 The Big Picture**
- 4.2 Analytical Proofs**
- 4.3 Results and Discussion**
- 4.4 Chapter Summary**

CHAPTER 5

CONCLUSION

5.1 Research Outcomes

5.2 Contributions to Knowledge

5.3 Future Works

REFERENCES

1. Oetiker, T., Partl, H., Hyna, I. and Schlegl, E. *The Not So Short Introduction to L^AT_EX 2 ϵ* . 2013. URL <http://ctan.tug.org/tex-archive/info/lshort/english/lshort.pdf>.
2. Okamoto, Y., Ando, Y., Hataya, K., Nakayama, T., Miyamoto, H., Inoue, T., Senda, M., Hirata, K., Kosaki, M., Shibata, N. *et al.* Improved power performance for a recessed-gate AlGa_N-Ga_N heterojunction FET with a field-modulating plate. *Microwave Theory and Techniques, IEEE Transactions on*, 2004. 52(11): 2536–2540.

APPENDIX A

MATHEMATICAL PROOFS

APPENDIX B

PSEUDO-CODES

APPENDIX C

TIME-SERIES RESULTS