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A final year project report submitted in partial fulfilment of the  
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Faculty of Electrical Engineering  
Universiti Teknologi Malaysia

OCTOBER 2013

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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**

ANN	-	Artificial Neural Network
PC	-	Personal Computer
SVM	-	Support Vector Machine
XML	-	Extensible Markup Language



**LIST OF SYMBOLS**

$\gamma$	-	Whatever
$\sigma$	-	Whatever
$\varepsilon$	-	Whatever

## **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-5<sup>1</sup> is done ...

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<sup>1</sup>In 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<sup>A</sup>T<sub>E</sub>X 2 $\epsilon$* . 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<sub>N</sub>-Ga<sub>N</sub> 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**