ECE 445

SENIOR DESIGN LABORATORY

FINAL REPORT

Project #114

A SAMPLE FOR FINAL REPORT

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TA: Hello WORLD

Sponsor: Your Professor

FINAL REPORT ABSTRACT

Abstract

Put your abstract here

Keywords Keyword 1, keyword 2, keyword 3

FINAL REPORT CONTENTS

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FINAL REPORT INTRODUCTION

1 Introduction

1.1 Problem statement

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1.2 Importance

$$f(x) = \sum_{n=0}^{\infty} \frac{1}{n!} f^{(n)}(x_0) (x - x_0)^n, x \in U(x_0)$$

$$e^{ix} = 1 + ix + \frac{1}{2!} (ix)^2 + \frac{1}{3!} (ix)^3 + \dots + \frac{1}{n!} (ix)^n + \dots$$

$$= 1 + ix - \frac{1}{2!} x^2 - i \frac{1}{3!} x^3 + \frac{1}{4!} x^4 + i \frac{1}{5!} x^5 - \dots$$

$$= \left(1 - \frac{1}{2!} x^2 + \frac{1}{4!} x^4 - \dots\right) + i \left(x - \frac{1}{3!} x^3 + \frac{1}{5!} x^5 - \dots\right)$$

$$= \cos x + i \sin x$$

$$(1.1)$$

1.3 Literature Review

Nam dui ligula, fringilla a, euismod sodales, sollicitudin vel, wisi. Morbi auctor lorem non justo. Nam lacus libero, pretium at, lobortis vitae, ultricies et, tellus. Donec aliquet, tortor sed accumsan bibendum, erat ligula aliquet magna, vitae ornare odio metus a mi. Morbi ac orci et nisl hendrerit mollis. Suspendisse ut massa. Cras nec ante. Pellentesque a nulla. Cum sociis natoque penatibus et magnis dis parturient montes, nascetur ridiculus mus. Aliquam tincidunt urna. Nulla ullamcorper vestibulum turpis. Pellentesque cursus luctus mauris.[1], [3], [4].

FINAL REPORT METHODOLOGY

2 Methodology

Test the ability to print some units, say (in texts), $10\times10^5\,\mu\text{m}\cdot\Omega\cdot^\circ$. It also applies to equations,

$$R_t = 10 \times 10^5 \,\mu\text{m} \cdot \Omega \cdot ^{\circ} \tag{2.1}$$

FINAL REPORT RESULTS

3 Results

FINAL REPORT DISCUSSION

4 Discussion

FINAL REPORT CONCLUSION

5 Conclusion

FINAL REPORT REFERENCES

References

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FINAL REPORT APPENDICES

Appendices

- A Some Test Data
- **B** Derivation of Square Law

FINAL REPORT ACKNOWLEDGEMENT

Acknowledgement