

ECE 459 COMMUNICATION SYSTEMS PROJECT REPORT #1

A SAMPLE FOR REPORTS WITH ANY TYPE YOU WANT

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Contents

1	Intro	oduction
	1.1	Problem statement
	1.2	Importance
	1.3	Literature Review
2	Meth	$\operatorname{nodology}$
3	Resu	dts
4	Disc	ussion
5	Cond	elusion
Re	eferenc	ces
Aŗ	pend	ices
	A	Some Test Data
	В	Derivation of Square Law
Ac	know	ledgement. (C

PROJECT REPORT #1 INTRODUCTION

1 Introduction

1.1 Problem statement

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1.2 Importance



Figure 1.1 The logo of ZJU-UIUC Institute.

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].

$$f(x) = \sum_{n=0}^{\infty} \frac{1}{n!} f^{(n)}(x_0) (x - x_0)^n, x \in U(x_0)$$
(1.1)

TYPE OF THE REPORT INTRODUCTION

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

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

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

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

$$(1.2)$$

2 Methodology

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

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

PROJECT REPORT #1 RESULTS

3 Results

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4 Discussion

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5 Conclusion

References

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- [4] J. R. Haynes and W. Shockley, "Investigation of Hole Injection in Transistor Action," *Physical Review*, vol. 75, no. 4, pp. 691–691, Feb. 15, 1949. DOI: 10.1103/PhysRev .75.691.

PROJECT REPORT #1 APPENDICES

Appendices

- A Some Test Data
- B Derivation of Square Law

Acknowledgement