Zhejiang University / University of Illinois Urbana-Champaign Institute

Senior Design Individual Report

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By

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Individual Report for Senior Design, Spring 2023

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Project No. 114

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ABSTRACT

Put your abstract here

Keywords   Keyword 1, keyword 2, keyword 3

CONTENTS

1 INTRODUCTION

1.1 Problem statement

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1.2 Importance

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

$$\begin{aligned}
e^{ix} &= 1 + ix + \frac{1}{2!}(ix)^2 + \frac{1}{3!}(ix)^3 + \cdots \frac{1}{n!}(ix)^n + \cdots \\
&= 1 + ix - \frac{1}{2!}x^2 - i\frac{1}{3!}x^3 + \frac{1}{4!}x^4 + i\frac{1}{5!}x^5 - \cdots \\
&= \left(1 - \frac{1}{2!}x^2 + \frac{1}{4!}x^4 - \cdots\right) + i\left(x - \frac{1}{3!}x^3 + \frac{1}{5!}x^5 - \cdots\right) \\
&= \cos x + i\sin x
\end{aligned} \tag{1.2}$$

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].

2   METHODOLOGY

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

It also applies to equations,

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

3 RESULTS

4 DISCUSSION

5 CONCLUSION

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REFERENCES

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A   AN APPENDIX

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B ANOTHER APPENDIX

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ACKNOWLEDGEMENT
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