

ECE 445

SENIOR DESIGN LABORATORY

[THIS CAN BE ANY TYPE]

Project #114

A SAMPLE FOR REPORTS WITH ANY TYPE YOU WANT

Team #514

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ABSTRACT

Put your abstract here

Keywords Keyword 1, keyword 2, keyword 3

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1 INTRODUCTION

1.1 Problem statement

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1.2 Importance

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

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

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), $10 \times 10^5 \mu\text{m} \cdot \Omega \cdot ^\circ$.

It also applies to equations,

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

3 RESULTS

4 DISCUSSION

5 CONCLUSION

REFERENCES

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A AN APPENDIX

B ANOTHER APPENDIX

ACKNOWLEDGEMENT