Thesis Title

by

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in conformity with the requirements for
the degree of Master of Applied Science

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Abstract

Abstract

Acknowledgements

Acknowledge some people here

Contents

Glossary

AI Artificial Intelligence.

OpenCV Open source Computer Vision library for C++ [1].

List of Symbols

μ	Average

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Chapter 1

Introduction

1.1 Motivation

Motivation

1.2 Problem Overview

Problem Overview

1.3 Thesis Contributions

The main contributions of this thesis are as follows:

- Contribution 1
- Contribution 2
- Contribution 3
- ...

1.4 Thesis Outline

The remainder of this thesis is organized as follows:

Chapter 2, Background: Background

Chapter 3, Methods: Methods

Chapter 4, Results: Results

Chapter 5, Conclusions and Future Work: Conclusions

Chapter 2

Background

Background

2.1 Examples

text

2.1.1 Sub Section

text

Sub Sub Section

text

Artificial Intelligence (AI)

thanks to OpenCV [1]

$$\mu_t = \alpha x + (1 - \alpha)\mu_{t-1} \tag{2.1}$$

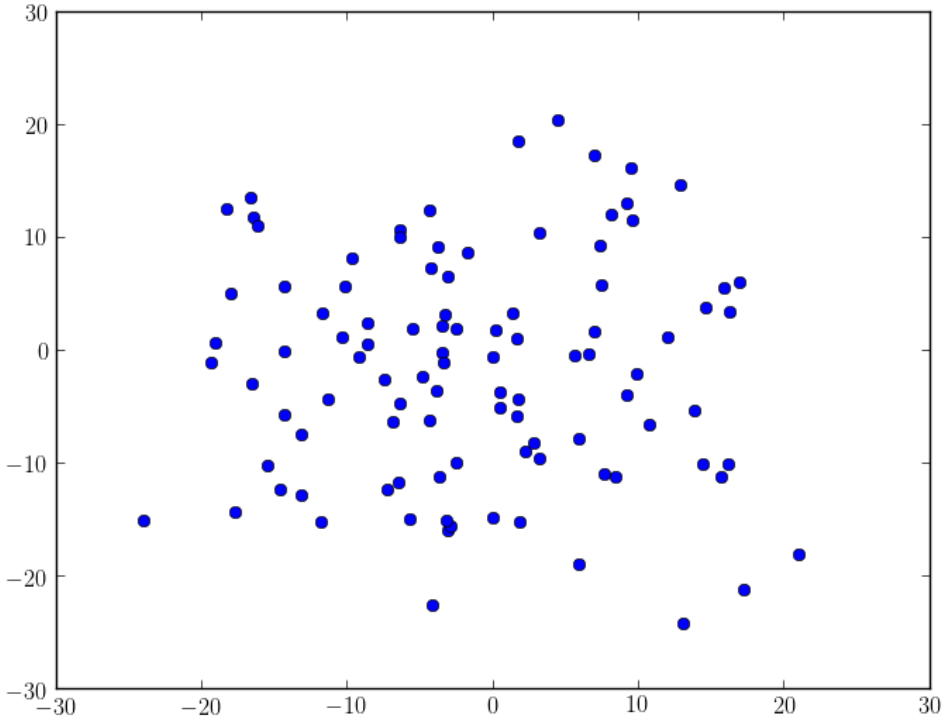

Figure 2.1: Test Plot

Listing 2.1: Test Plot Code

```
#!/usr/bin/env python

import numpy as np
import matplotlib
import matplotlib.pyplot as plt

matplotlib.rc('font', family='serif')
matplotlib.rc('font', serif='Computer Modern Roman')
matplotlib.rc('text', usetex=True)
matplotlib.rc('ps', usedistiller='xpdf')

fig = plt.figure()
ax = fig.add_subplot(111)
ax.plot(10*np.random.randn(100), 10*np.random.randn(100), 'o')

plt.savefig('testPlot.png', bbox_inches='tight')
plt.show()
```


Table 2.1: Test Table

Chapter 3

Methods

Methods

Chapter 4

Results

Results

Chapter 5

Conclusions and Future Work

5.1 Summary of Conclusions

Conclusions

5.2 Future Work

Future Work

Bibliography

[1] G. Bradski. The OpenCV Library. *Dr. Dobb's Journal of Software Tools*, 2000.