Internship Report

Topic: Report on Chromatix

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Internship Period:

01-09-2024 to 28-02-2025

Supervisor:

Prof. Dr. Vladan Blahnik, Institute of Applied Physics

Industry Advisor:

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Contents

Chapter 1

Introduction

1.1 Internship Objective

Brief description of your internship goal and tasks assigned.

1.2 Overview of Chromatix

Introduction to the Chromatix library, its purpose, features, and general applications in optical systems.

Chapter 2

Methodology

2.1 Analytical Approach

Description of the methods used to analyze the library (e.g., code review, documentation review, theoretical background analysis).

2.2 Tools and Resources

List and describe the resources (documentation, software tools) used during the analysis.

Chapter 3

Analysis of Chromatix

3.1 Main Classes and Functions

Detailed analysis of the main classes and functions within the library, including theoretical background and practical code explanations.

3.1.1 Class 1: Name

Detailed explanation with theoretical background and code snippet examples.

3.1.2 Class 2: Name

Detailed explanation with theoretical background and code snippet examples.

3.2 Evaluation

Critical evaluation of the strengths, weaknesses, and limitations of the Chromatix library.

Chapter 4

Application Examples

4.1 Example 1: Building Optical System A

Description, purpose, implementation, and results.

4.2 Example 2: Building Optical System B

Description, purpose, implementation, and results.

Chapter 5

Conclusion and Future Work

5.1 Conclusion

Summary of your findings, overall impressions, and effectiveness of Chromatix.

5.2 Future Work

Recommendations for further study or improvements to the library and potential applications.

Chapter 6

Acknowledgments

I wish to express my sincere gratitude to my supervisor, Prof. Dr. Vladan Blahnik, for supervising my internship.

Special thanks to Prof. Dr. , retired professor from [University/Institute], CEO of LightTrans GmbH, for providing the internship topic, invaluable insights, and continuous support throughout the project.

Appendix A

Additional Material

Include additional scripts, code snippets, or supplementary material here.