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Submitted By

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Examination Roll No.:

Registration No.:

Session:

A Thesis Submitted to the **University of Chittagong** in Partial Fulfillment of the Requirements for the Degree of Master of Science in Mathematics(Applied).

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November 23, 2022



Dedication

Declaration

Certification

Acknowledgments

Abstract

List of Plots

List of Symbols

x distance

List of Acronyms

 ${f FM}$ Fluid Mechanics. 1

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Introduction

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Fluid Mechanics (FM) is the branch of physics concerned with the mechanics of fluids (liquids, gases, and plasmas) and the forces on them. It has applications in a wide range of disciplines, including mechanical, civil, chemical and biomedical engineering, geophysics, astrophysics, and biology.

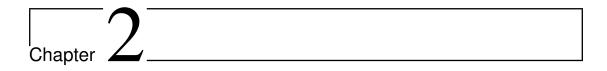
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Distance x

1a

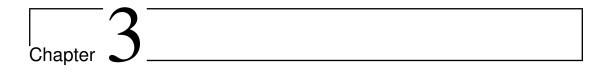
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Literature Review

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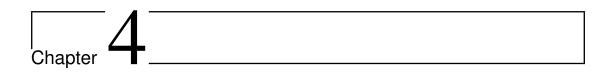
Main body

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Conclusion



Appendix

Bibliography

- [1] I. G. Currie, "Fundamental mechanics of fluid". MERCEL DEKKER, INC., 2003, ISBN: 0-8247-0886-5.
- [2] C.-M. Liu, ""complete solutions to extended stokes' problems"," *Mathematical Problems in Engineering*, 2008. DOI: doi:10.1155/2008/754262.
- [3] S. G. G. Stokes, "on the effect of the internal friction of fluids on the motion of pendulums"," *Transactions of the Cambridge Philosophical Society*, 1850.

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