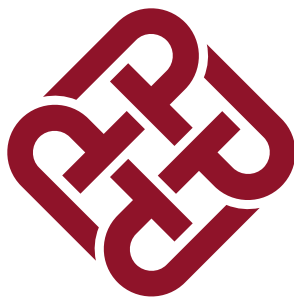

MODEL-BASED DERIVATIVE-FREE OPTIMIZATION METHODS AND SOFTWARE

By

TOM M. RAGONNEAU

Doctor of Philosophy

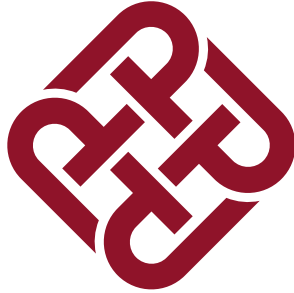
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The Hong Kong Polytechnic University
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*A thesis submitted in partial fulfilment
of the requirements for the degree of
Doctor of Philosophy*

April, 2022

Certificate of originality

I hereby declare that this thesis is my own work and that, to the best of my knowledge and belief, it reproduces no material previously published or written, nor material that has been accepted for the award of any other degree or diploma, except where due acknowledgment has been made in the text.

(Signed)

Tom M. Ragonneau (Name of Student)

Dedication

Abstract

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Contents

Abstract	vii
Acknowledgments	ix
Contents	xi
List of Figures	xiii
List of Tables	xv
List of Algorithms	xvii
1 Introduction	1
Conclusion	3

List of Figures

List of Tables

List of Algorithms

Chapter 1

Introduction

Conclusion

