

Imperial College London
Department of Bioengineering

Efficient Exploration in Deep Reinforcement Learning

Tianhong Dai

Submitted in part fulfilment of the requirements for the degree of
Doctor of Philosophy in Bioengineering of Imperial College London and
the Diploma of Imperial College, December 2021

Abstract

Text of the Abstract.

Acknowledgements

I would like to express (whatever feelings I have) to:

- My supervisor
- My second supervisor
- Other researchers
- My family and friends

Dedication

Dedication here.

‘Quote text here.’

Guy Quoted

Contents

Abstract	i
Acknowledgements	iii
1 Introduction	1
1.1 Motivation and Objectives	1
1.2 Contributions	1
1.3 Statement of Originality	1
1.4 Publications	1
2 Background Theory	2
2.1 Introduction	2
3 Conclusion	3
3.1 Summary of Thesis Achievements	3
3.2 Applications	3
3.3 Future Work	3
Bibliography	3

List of Tables

List of Figures

Chapter 1

Introduction

1.1 Motivation and Objectives

Motivation and Objectives here.

1.2 Contributions

Contributions here.

1.3 Statement of Originality

Statement here.

1.4 Publications

Publications here.

Chapter 2

Background Theory

2.1 Introduction

Text of the Background.

Chapter 3

Conclusion

3.1 Summary of Thesis Achievements

Summary.

3.2 Applications

Applications.

3.3 Future Work

Future Work.

Bibliography