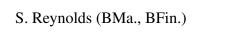


# Automatic generation control of a two area power system using deep reinforcement learning



This interim report submitted as part of the assessment schedule for:

BACHELOR OF ENGINEERING HONOURS (ELECTRICAL)

Supervisors:

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Charles Darwin University College of Engineering

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#### **Declaration**

I, S. Reynolds (BMa., BFin.), declare that this interim report is submitted in partial fulfilment of the requirements for the conferral of the degree BACHELOR OF ENGINEERING HONOURS (ELECTRICAL), from Charles Darwin University, is wholly my own work unless otherwise referenced or acknowledged. This document has not been submitted for qualifications at any other academic institution.			
S. Reynolds (BMa., BFin.)			

#### **Abstract**

# Acknowledgments

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- 1.1 Background
- 1.2 Research Aim
- 1.3 Structure of Thesis

### **Literature Review**

## **Chapter Covering Approach**

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### **Analysis and Discussion of Results**

### **Conclusions**

### **Future Work**

## **Bibliography**

[1] K. Ogata, Modern Control Engineering, 5th Edition, Test, Ed. Pearson, 2010.

### **Appendix A**

### Your first appendix

#### **A.1** The title of the first section

The appendices work exactly the same way as chapters, they are numbered with letters rather than numbers though [1].

## Appendix B

### Your second appendix

**B.1** The title of the first section