# Norwegian University of Science and Technology Faculty of Information Technology, Mathematics and Electrical Engineering Department of Computer and Information Science

**Master Thesis** 

### Linear programming on Cell/BE

by

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#### Abstract

### Acknowledgements

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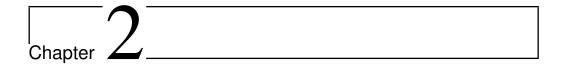
### Listings

## List of Symbols and Abbreviations

Abbreviation Description Definition

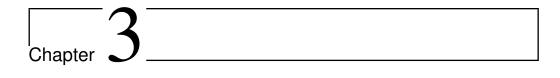
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### Introduction

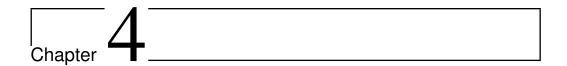


### Background

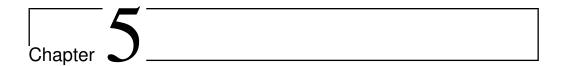
- 2.1 Linear programming
- 2.1.1 Problem formulation
- 2.1.2 Simplex algorithm
- 2.1.3 Interior point algorithms
- 2.2 Cell Broadband Engine
- 2.2.1 Architecture
- 2.2.2 Programming methods



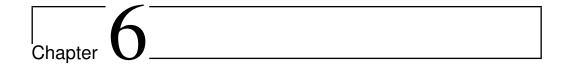
## Design



### Implementation and testing



### **Evaluation**



### Conclusion

(TODO)

**Future work** 

### Bibliography