



Master Thesis

GPU energy efficiency

An analysis of energy consumption, usage patterns and energy saving strategies

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Abstract

Here goes the abstract of this thesis.



Acknowledgements

TODO Graphics Processing Unit (GPU) (1)

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Introduction

1.1 Context

TODO

1.2 Objective

TODO

1.3 Research Question

TODO

1.4 Research Method

Background

This chapter outlines some of the research that is relevant to the topic of GPU energy conservation.

2.1 Literature Study

In this section we first provide a description of the process by which literature was collected for the purpose of this study to ensure its replicability.

2.2 Measuring Energy Consumption

TODO

2.2.1 Statistical Analysis

TODO

2.3 Usage Patterns

TODO

2.4 Energy Saving Strategies

TODO

2.4.1 DVFS

Usage Patterns

Energy Saving Strategies

Dynamic Energy Saving

Discussions

Conclusion

Appendix A

Resources

References

[1] Nelly Condori-Fernandez and Patricia Lago. Characterizing the contribution of quality requirements to software sustainability. *Journal of Systems and Software*, **137**:289–305, 3 2018. ii

Statement of Originality

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