

A Work-Stealing Scheduling Technique Applied to Computing the Mandelbrot Set.

Martin J Hawes
The University of Hertfordshire

January 26, 2013

0.1 Abstract

This is the abstract. Lets cite something (Person 1998, p. 201).

This is another citation which should look a bit nicer (McGuiness 2006).

hello reference of fig ??

0.2 Acknowledgements

Contents

0.1	Abstract	1
0.2	Acknowledgements	1
1	Introduction	3
2	Background Research	4
2.1	Scheduling Techniques for Concurrent Programs	4
2.2	The Work-Stealing Technique	4
2.3	The Mandelbrot Set	4
2.4	Programming Tools	4
3	Main Chapters	5
3.1	Design of the Algorithm	5
3.2	The Implementation	5
3.2.1	An Algorithm to Compute the Mandelbrot Set	5
3.2.2	A Concurrent Algorithm to Compute the Mandelbrot Set	5
3.3	Features for Demonstration	5
3.4	Validation and Verification	5
4	Discussion and Evaluation	6
4.1	Analysis of the Algorithm	6
4.2	Reflection on Project	6
5	Resources	7
6	Appendices	9

Chapter 1

Introduction

Chapter 2

Background Research

2.1 Scheduling Techniques for Concurrent Programs

2.2 The Work-Stealing Technique

2.3 The Mandelbrot Set

2.4 Programming Tools

Chapter 3

Main Chapters

3.1 Design of the Algorithm

3.2 The Implementation

3.2.1 An Algorithm to Compute the Mandelbrot Set

3.2.2 A Concurrent Algorithm to Compute the Mandelbrot Set

3.3 Features for Demonstration

3.4 Validation and Verification

Chapter 4

Discussion and Evaluation

4.1 Analysis of the Algorithm

4.2 Reflection on Project

Chapter 5

Resources

Bibliography

J. McGuiness (2006). ‘Something to do with this or that? who knows...’. Master’s thesis, University of Hertfordshire.

P. Person (1998). ‘Big fancy title line’. *the journey* .

F. Turner (2001). ‘Something to do with this or that? who knows...’. Master’s thesis, University of France.

Chapter 6

Appendices