Contents

1	Introduction 3				
	1.1 Historical Overview 3				
2	Implementation 5				
	2.1 The CUDA Model 5				
	2.2 A Lattice Boltzmann Solver 5				
	Appendix 7				
	The Mathematical Background 7				
	Proofs 7				

${\it Introduction}$

1.1 Historical Overview

Implementation

- 2.1 The CUDA Model
- 2.2 A Lattice Boltzmann Solver

Appendix

 $The\ Mathematical\ Background$