FAST DEPTH CODING IN 3D-HEVC USING DEEP LEARNING

A DISSERTATION
SUBMITTED TO THE DEPARTMENT OF ELECTRONIC AND INFORMATION ENGINEERING
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IN PARTIAL FULFILLMENT OF THE REQUIREMENTS
FOR THE DEGREE OF
MASTER OF SCIENCE

Zhen-xiang WANG
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Supervisor
Yui-Lam Chan

I, Zhen-xiang WANG, confirm that the work presented in this dissertation is my own. Where information has been derived from other sources, I confirm that this has been indicated in the thesis.

Zhen-xiang WANG
October 18, 2017

Abstract

This thesis tells you all you need to know about...

Acknowledgments

I would like to thank...

Contents

List of Tables

List of Figures

Chapter 1

Introduction

1.1 Welcome and Thank You

Welcome to this LaTeX Thesis Template, a beautiful and easy to use template for writing a thesis using the LaTeX typesetting system.

If you are writing a thesis (or will be in the future) and its subject is technical or mathematical (though it doesn't have to be), then creating it in LaTeX is highly recommended as a way to make sure you can just get down to the essential writing without having to worry over formatting or wasting time arguing with your word processor.

LaTeX is easily able to professionally typeset documents that run to hundreds or thousands of pages long. With simple mark-up commands, it automatically sets out the table of contents, margins, page headers and footers and keeps the formatting consistent and beautiful. One of its main strengths is the way it can easily typeset mathematics, even *heavy* mathematics. Even if those equations are the most horribly twisted and most difficult mathematical problems that can only be solved on a super-computer, you can at least count on LaTeX to make them look stunning.

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Pi expression	Value
π	3.1416
π^{π}	36.46
$(\pi^{\pi})^{\pi}$	80662.7

Table 1.1: The effects of treatments X and Y on the four groups studied.

margins, page headers and footers and keeps the formatting consistent and beautiful. One of its main strengths is the way it can easily typeset mathematics, even *heavy* mathematics. Even if those equations are the most horribly twisted and most difficult mathematical problems that can only be solved on a super-computer, you can at least count on LaTeX to make them look stunning.

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Figure 1.1: An electron (artist's impression).

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