FAST DEPTH CODING IN 3D-HEVC USING DEEP LEARNING

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CERTIFICATE OF ORIGINALITY

I hereby declare that this dissertation is my own work and that, to the best of my knowledge and belief, it reproduces no material previously published or written nor material which has been accepted for the award of any other degree or diploma, except where due acknowledgement has been made in the text.

_____(Signed)

_____(Date)

Abstract

Acknowledgments

I would like to thank...

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Chapter 1

Introduction

asfvgjasdlKJFHASKLDFHASLKDFHJAKSDJPFHASKLJD.FHASDF ASDFASDFASDFASDFADS-FASDF

1.1 Motivation

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1.2 Welcome and Thanku

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.

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

Chapter 2

Background

With the rising popularity of the high definition videos, the new standard termed High Efficiency Video Coding (HEVC) for compressing videos in a more efficient way comparing with previous standards, such as H.264/AVC, has emerged under the efforts from the Joint Collaborative Team on Video Coding (JCT-VC). In the meanwhile, five extensions of the HEVC standard, comprising Format Range Extension (RExt), Scalability Extension (SHVC), Multi-view Extension (MV-HEVC), 3D Extension (3D-HEVC), Screen Content Coding Extension (SCC), have been finalized from 2014 to 2016 to support fulfill extra requirements in various scenarios. 3D Video applications are attracting more interests

2.1 Video Coding

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