MERIVALE HIGH SCHOOL

To What Extent Do MFCCs Perform Better Than Other Speech Feature Extraction Algorithms in Speech Recognition CNNs

Author: Daniel LU

Supervisor: Courtney EDWARDS

August 29, 2022

Contents

1	Introduction																					
	1.1	Abstract																				. 1
	1.2	Rationale							•								 •					. 1
2	Background 2.1 Abstract														2							
	2.1	Abstract																				. 2
	2.2	Rationale							•								 •		•	•		. 2
A	Frec	Frequently Asked Questions A.1 How do I change the colors of links?														3						
	A.1	How do I	chang	e th	e co	lors	of	lin	ks													. 3

List of Abbreviations

LAH List Abbreviations HereWSF What (it) Stands For

List of Symbols

a distance

P power $W(J s^{-1})$

 ω angular frequency rac

Chapter 1

Introduction

1.1 Abstract

Purpose of this extended essay

1.2 Rationale

Choice of topic

Chapter 2

Background

2.1 Abstract

Purpose of this extended essay

2.2 Rationale

Choice of topic

Appendix A

Frequently Asked Questions

A.1 How do I change the colors of links?

The color of links can be changed to your liking using:

\hypersetup{urlcolor=red}, or

\hypersetup{citecolor=green}, or

\hypersetup{allcolor=blue}.

If you want to completely hide the links, you can use:

\hypersetup{allcolors=.}, or even better:

\hypersetup{hidelinks}.

If you want to have obvious links in the PDF but not the printed text, use:

\hypersetup{colorlinks=false}.