

CONSERVATORY OF MUSIC COLLEGE OF CREATIVE ARTS UNIVERSITI TEKNOLOGI MARA

MUF655 RESEARCH PROJECT

EFFECTIVE USAGE OF DOUBLE-STOPS TECHNIQUE IN CELLO PERFORMANCE

PREPARED BY

MUHAMAD AZIM BIN AZLAN 2020991597

OCTOBER 2021-FEBRUARY 2022

ACKNOWLEDGEMENT

I would like to thank everyone who involved in helping me throughout my study pursuing bachelor's degree in music performance in Universiti Teknologi MARA.

I would also like to give my gratitude to me Research Project supervisor Dr Yeoh Pei Ann for guiding me throughout the process of completing this study. Without any guidance from her, I would not be able to understand the flow in the making of this thesis.

I would also like to thank my fellow's classmate Miera Liyana, Haziq Rashidi, Joynner Junior who has been helping me completing my research project since the beginning until the end.

ABSTRACT

Double-stop notes may seems like an easy thing to be played. Even though some of the notation might be easy to play on cello, there is many difficult aspects that need to be look through. For this thesis, the study will be focusing on how to effectively use the double-stops technique in cello performance. There will be two musical pieces that will be focused on. The first piece is J.S Bach Cello Suite no.6 in D Major, Sarabande and the second piece is Saint-Saens Cello Concerto no.1 in A minor Op.33. Both pieces contained passages of double-stop notes that need to be play precisely.

TABLE OF CONTENTS

AUT	HOR'S DECLARATION	ii
ACK	NOWLEDGEMENT	iii
ABS	TRACT	iv
TAB	LE OF CONTENT	v-vi
LIST	OF FIGURES	vii
СH	APTER ONE: INTRODUCTION	
		1
	Background Problem Statement / Rationale	
	Objectives	
	Research Questions	
1.5	Significance of Study / Limitations	4
СН	APTER TWO: LITERATURE REVIEW	
1.1	Composers	5
	2.1.1 Life of Johann Sebastian Bach	5
	2.1.2 Life of Camille Saint-Saens	6
1.2	Musical Pieces	7
	2.2.1 Cello Suite No.6 D Major, Sarabande	7
	2.2.2 Saint-Saens Cello Concerto in A Minor Op.33	8
1.3	Double Stopping Technique	9-11
СН	APTER THREE: RESEARCH METHODOLOGY	
3.1	Qualitative Method	12-13
3.2	Research Design	
3.3	Data Acquisition	
3.4	Performance to be Analyzed	
	Score to be Analyzed	
J.J		

CHAPTER FOUR: DATA COLLECTION AND ANALYSIS

4.1 Introduction	18
4.2 Double-Stopping Techniques and Exercises	19
4.2.1 Hand Techniques	19-20
4.2.2 Developing Agility & Finger Strength	21-23
4.3 Performance Analysis	24
4.3.1 Performance on Cello Suite no.6 in D Major, Sarabande by J.S Bach	24-26
4.3.2 Performance on Cello Concerto no.1 in A minor Op.33 by C. Saint-Saens	26-29
4.4 Score Analysis	30
4.4.1 Score Analysis of Sarabande, Cello Suite No.6 in D Major by J.S Bach	30-31
4.4.1 Score Analysis of Cello Concerto No.1 in A minor Op.33 by C. Saint-Saens	32-33
CHAPTER FIVE: CONCLUSION	34-35
REFERENCE	36-38