STEP-UP THREE PHASE DOUBLE CONVERTER

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UNIVERSITI TEKNOLOGI MARA (UiTM)

NOR AZIRA BINTI MOHD SALIMAN

FACULTY OF ELECTRICAL ENGINEERING

UNIVERSITI TEKNOLOGI MARA

40450 SHAH ALAM

SELANGOR, MALAYSIA

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ABSTRACT

This project is dealing with AC-DC-DC three phase converter. The first part consists of double rectifier (AC-DC) involving with twelve ideal switches by applying pulse-width modulation (PWM) as switch control. The second part consists of step-up/boost converter (DC-DC). Simulation studies have been carried in MATLAB/SIMULINK. The results presented the performance of overall system in terms of total harmonic distortion (THD).

TABLES OF CONTENTS

Titles	Pages
Approval	iii
Declaration	iv
Dedication	v
Acknowledgments	vi
Abstract	vii
Table of Contents	viii
List of Figures	x
List of Tables	xii
List of Symbols and Abbreviations	xiii

CHAPTER 1: INTRODUCTION 1

1.1. INTRODUCTION 1

1.2. OBJECTIVES 2

1.3. SIGNIFICANCE OF STUDY 2

1.4. SCOPE OF WORK 2

1.5. FLOW CHART 2

1.6. THESIS ORGANIZATION 4

CHAPTER 2: LITERATURE REVIEW 5

2.1. PULSE WIDTH MODULATION 5

2.2. RECTIFIER 7

2.2.1. SINGLE PHASE CONTROLLED FULL WAVE RECTIFIER 8

2.2.2. THREE PHASE CONTROLLED DOUBLE RECTIFIER 11

2.3. DC CHOPPER 13

2.3.1. STEP-DOWN CONVERTER 13

2.3.2. STEP-UP CONVERTER 15

2.3.3. BUCK-BOOST CONVERTER 16

2.4. TOTAL HARMONIC DISTORTION 18

CHAPTER 3: METHODOLOGY 19

3.1. BLOCK DIAGRAM 19

3.2. CIRCUIT TOPOLOGY 20

3.2.1. PULSE WIDTH MODULATION 20

3.2.2. THREE PHASE DOUBLE CONVERTER 21

3.2.3. STEP-UP CONVERTER 22

3.2.4. STEP-UP THREE PHASE DOUBLE CONVERTER 23

CHAPTER 4: SIMULATION RESULTS AND DISCUSSION 24

4.1. PULSE WIDTH MODULATION 24

4.2. THREE PHASE CONVERTER 26

4.3. STEP-UP THREE PHASE CONVERTER 28

4.4. EFFECT OF MODULATION INDEX 29

CHAPTER 5: CONCLUSION AND RECOMMENDATION 35

5.1. CONCLUSION 35

5.2. RECOMMENDATION 36

REFERENCES 37