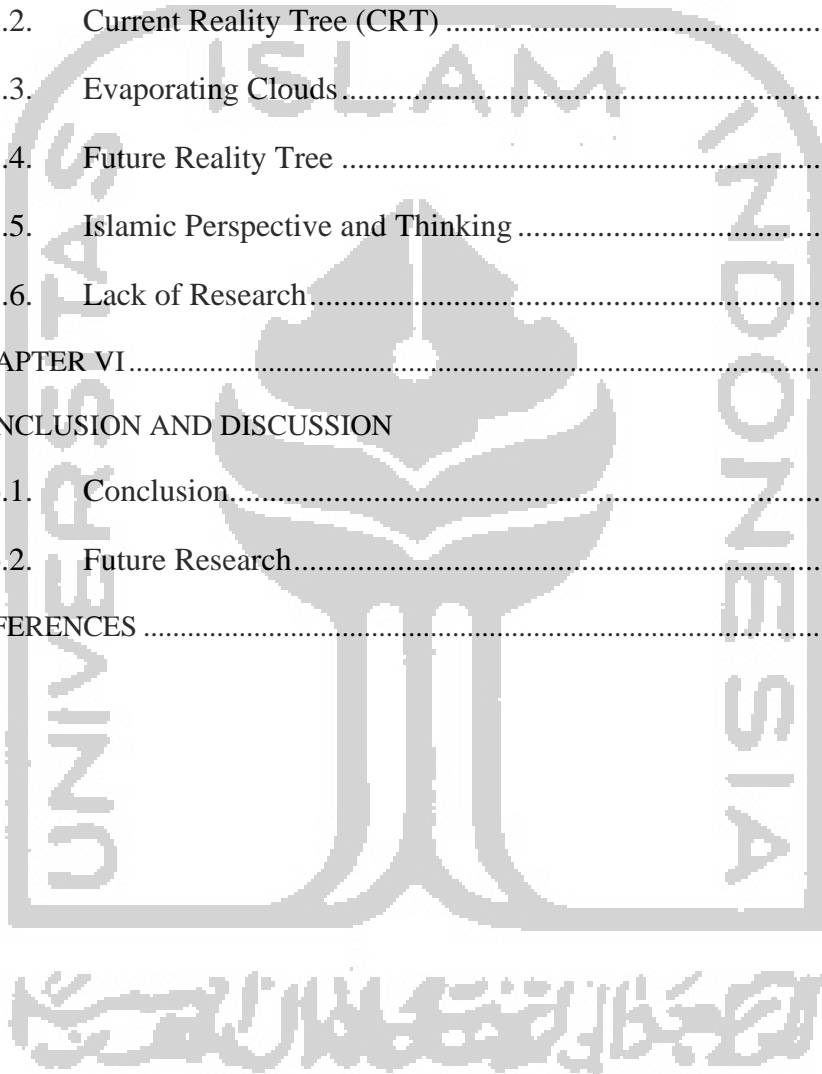


TABLE OF CONTENTS

COVER.....	i
AUTHENTICITY STATEMENT	ii
THESIS APPROVAL OF SUPERVISOR	iii
THESIS APPROVAL OF EXAMINATION COMMITTEE.....	iv
MOTTO.....	vi
PREFACE.....	vii
ABSTRACT	ix
TABLE OF CONTENTS.....	x
LIST OF FIGURES	xiii
LIST OF TABLE	xiv
CHAPTER I.....	1
INTRODUCTION	
1.1 Background	1
1.2 Problem Formulation	4
1.3 Research limitation.....	4
1.4 Research Objective.....	5
1.5 Research Benefit	5
1.6 Systematical Research.....	5
CHAPTER II	7
LITERATURE REVIEW	
2.1 Inductive Study	7
2.1.1 Theory of Constraint Previous Research.....	7
2.1.2 Emission Efficiency Previous Study	15
2.2 Deductive Study.....	26
2.2.1 Current Reality Tree (CRT).....	29

2.2.2	Evaporating Clouds (EC)	30
2.2.3	Future Reality Trees (FRT)	31
2.2.4	Prerequisite Trees (PRT)	32
2.2.5	Transition Trees	33
CHAPTER III		36
RESEARCH METHODOLOGY		
3.1	Research Object and Location	36
3.2	Problem Identification	37
3.3	Problem Formulation	37
3.4	Literature Review	37
3.5	Data Collection	38
3.6	Data Collection Method	38
3.7	Data Processing	39
3.8	Operational Definition	40
3.9	Research Flowchart	40
3.10	Result and Discussion	43
3.11	Conclusion and Recommendation	43
CHAPTER IV		44
DATA COLLECTION AND PROCESSING		
4.1	Data Collection	44
4.2	Data Analysis	47
4.2.1	Undesirable Effects	47
4.3	Data Processing	51
4.3.1	Current Reality Tree	52
4.3.2	Conflict Resolution Diagram / Evaporating Clouds	53

4.3.3	Future Reality Tree.....	55
CHAPTER V	57
DISCUSSION		
5.1.	Theory of Constraints Analysis.....	57
5.2.	Current Reality Tree (CRT).....	57
5.3.	Evaporating Clouds.....	59
5.4.	Future Reality Tree	60
5.5.	Islamic Perspective and Thinking.....	60
5.6.	Lack of Research.....	63
CHAPTER VI	64
CONCLUSION AND DISCUSSION		
6.1.	Conclusion.....	64
6.2.	Future Research.....	66
REFERENCES	67



LIST OF FIGURES

Figure 2.1 Cycle of Goldratt’s TOC 5 focusing steps	28
Figure 2.2 Structure of Current Reality Tree	30
Figure 2.3 Structure of Evaporating Cloud Tree	31
Figure 2.4 Structure of Prerequisite Tree	33
Figure 2.5 Structure of Transition Tree	35
Figure 3.1 Research Flowchart.....	42
Figure 4.1 Journal counts	45
Figure 4.2 Papers year published	46
Figure 4.3 Methodology research.....	47
Figure 4.5 Current Reality Tree of Industry Emission	52
Figure 4.6 Evaporating Clouds of Green growth and sustainability policy	53
Figure 4.7 Evaporating Clouds of Energy Efficiency	54
Figure 4.8 Evaporating Clouds of Material Efficiency	54
Figure 4.9 Evaporating Clouds of Small Medium Enterprise	55
Figure 4.10 Evaporating Clouds of Consumer demand	55
Figure 4.11 Future Reality Tree of industry emission efficiency.....	56

LIST OF TABLES

Table 2.1 Previous study for TOC.....	10
Table 2.2 Previous Study of Emission Mitigation in industry	23
Table 4.1 Undesirable Effects extracted from journals	51

