

TABLE OF CONTENTS

| | |
|--|-----|
| LIST OF FIGURES..... | vii |
| ABBREVIATIONS OF THE WORKS OF ARISTOTLE..... | ix |
| CHAPTER ONE..... | 1 |
| 1.0 Introduction..... | 1 |
| 1.1 Symbolization..... | 4 |
| 1.2 Basic Modal Syllogisms..... | 5 |
| 1.3 The Two Barbaras..... | 10 |
| 1.4 The Modal Copula..... | 18 |
| 1.5 Malink on the Metaphysics of Aristotelian Modality..... | 24 |
| 1.6 Malink's Heterodox Interpretation of Aristotelian Semantics..... | 25 |
| 1.7 An Adjustment to Malink's Heterodox Interpretation..... | 36 |
| 1.8 Conclusion..... | 57 |
| CHAPTER TWO..... | 61 |
| 2.0 Explication of Argument Forms along with Venn Diagrams..... | 61 |
| 2.1 The First Figure..... | 64 |

| | | |
|--------------------|--|-----|
| 2.2 | The Second Figure..... | 71 |
| 2.3 | The Third Figure..... | 84 |
| 2.4 | Conclusion..... | 94 |
| CHAPTER THREE..... | | 97 |
| 3.0 | Introduction..... | 97 |
| 3.1 | Transcending the <i>De Re/De Dicto</i> Distinction..... | 97 |
| 3.2 | The Modality of Definition, Explanation, and Essence..... | 101 |
| 3.3 | Towards an Aristotelian Demonstrative Science..... | 120 |
| 3.4 | Knowledge of Essences..... | 135 |
| 3.5 | Aristotelian Essentialism and Aristotelian Science..... | 148 |
| 3.6 | Conclusion..... | 153 |
| CHAPTER FOUR..... | | 155 |
| 4.0 | Introduction..... | 155 |
| 4.1 | The Circularity Problem..... | 163 |
| 4.2 | Actualism..... | 165 |
| 4.3 | Possible Worlds and Essences..... | 170 |
| 4.4 | Transworld Individuals and Counterpart Theory.... | 173 |

| | | |
|-------|--|-----|
| 4.5 | Identity and Essence..... | 180 |
| 4.5.1 | Leibniz's Laws and Regulating Identity Relations..... | 181 |
| 4.5.2 | Relative Theory of Identity..... | 184 |
| 4.5.3 | Sortal Dependency Theory of Identity..... | 187 |
| 4.5.4 | Identity Grounded on Aristotelian Essentialism and Modality..... | 195 |
| 4.6 | Conclusion, or Counteracting Indispensability..... | 204 |
| | BIBLIOGRAPHY..... | 207 |
| | APPENDIX..... | 221 |