## CONTENTS

### CHAPTER ONE  
**Introduction and Outline of the Research**

<table>
<thead>
<tr>
<th>Section</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.0 Introduction</td>
<td>1</td>
</tr>
<tr>
<td>1.1 Aims of the Study</td>
<td>3</td>
</tr>
<tr>
<td>1.2 Data and Terminology</td>
<td>5</td>
</tr>
<tr>
<td>1.3 Hypotheses and Outcomes of the Research</td>
<td>9</td>
</tr>
<tr>
<td>1.4 Structure of the Study</td>
<td>12</td>
</tr>
</tbody>
</table>

### CHAPTER TWO  
**The Analysis of Economics Discourse by Economists and Applied Linguists: A review**

<table>
<thead>
<tr>
<th>Section</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>2.0 Introduction</td>
<td>16</td>
</tr>
<tr>
<td>2.1 The Analysis of Economics Discourse by Economists and Applied Linguists</td>
<td>16</td>
</tr>
<tr>
<td>2.2 The Analysis of Economics Discourse and Visual Information</td>
<td>21</td>
</tr>
<tr>
<td>2.2.1 Visual Information as a Literary Device</td>
<td>21</td>
</tr>
<tr>
<td>2.2.2 Visual information and Applied Linguistic/Educational Studies</td>
<td>25</td>
</tr>
<tr>
<td>2.3 Conclusions</td>
<td>33</td>
</tr>
</tbody>
</table>

### CHAPTER THREE  
**Semiotics, Linguistics, and Visual Communication**

<table>
<thead>
<tr>
<th>Section</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>3.0 Introduction</td>
<td>36</td>
</tr>
<tr>
<td>3.1 The Sign and Meaning in General Semiotic Theory</td>
<td>36</td>
</tr>
<tr>
<td>3.2 The Saussurean Semiotic Tradition</td>
<td>39</td>
</tr>
<tr>
<td>3.3 Summary</td>
<td>46</td>
</tr>
</tbody>
</table>

### CHAPTER FOUR  
**Hallidayan Interpretations of Visual Communication**

<table>
<thead>
<tr>
<th>Section</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>4.0 Introduction</td>
<td>48</td>
</tr>
<tr>
<td>4.1 Social Semiotics</td>
<td>50</td>
</tr>
<tr>
<td>4.2 Reading Images</td>
<td>51</td>
</tr>
<tr>
<td>4.2.1 Representational Structures</td>
<td>57</td>
</tr>
<tr>
<td>4.2.1.1 Narrative Processes</td>
<td>59</td>
</tr>
<tr>
<td>4.2.1.2 Conceptual Processes</td>
<td>63</td>
</tr>
<tr>
<td>4.2.2 Interactive Meanings</td>
<td>70</td>
</tr>
<tr>
<td>4.2.2.1 Contact</td>
<td>72</td>
</tr>
<tr>
<td>4.2.2.2 Social Distance</td>
<td>74</td>
</tr>
<tr>
<td>4.2.2.3 Attitude</td>
<td>76</td>
</tr>
<tr>
<td>4.2.2.4 Modality</td>
<td>82</td>
</tr>
<tr>
<td>4.2.3 Compositional Meanings</td>
<td>90</td>
</tr>
</tbody>
</table>
4.2.3.1 Information Value
4.2.3.2 Salience
4.2.3.3 Framing
4.2.3.4 The Importance of Reading Paths
4.3 The Language of Displayed Art
4.4 Summary and Conclusions

CHAPTER FIVE
An Analytical Framework for the Analysis of Intersemiotic Complementarity in The Economist Magazine

5.0 Introduction
5.1 The Systemic Functional Linguistic (SFL) Model
5.2 The SFL Model and Visual Semiosis - An Analytical Framework
5.3 The Context of Situation and Context of Culture
5.4 The Influence of Other Texts: Intertextual History
5.5 The Analysis of Intersemiotic Ideational Features
5.5.1 The Interpretation of Visual Ideational Features
5.5.2 The Interpretation of Verbal Ideational Features
5.5.3 The Analysis of Ideational Intersemiotic Complementarity
5.6 The Analysis of Intersemiotic Interpersonal Features
5.6.1 The Interpretation of Visual Interpersonal Features
5.6.1.1 The Analysis of Visual MOOD - Address (“Visual Speech Acts”)  
5.6.1.2 The Analysis of Visual MOOD - Involvement
5.6.1.3 The Analysis of Visual MOOD - Power Relations
5.6.1.4 The Analysis of Visual MOOD - Degree of Social Distance
5.6.1.5 The Analysis of Modality in the Visual Component
5.6.2 The Interpretation of Verbal Interpersonal Features
5.6.2.1 The Analysis of MOOD in Verbal Propositions
5.6.2.2 The Analysis of Modality in Verbal Propositions
5.6.3 The Analysis of Interpersonal Intersemiotic Complementarity
5.7 The Analysis of Intersemiotic Compositional Features
5.7.1 The Interpretation of Visual Compositional Features
5.7.2 The Interpretation of Verbal Compositional Features
5.7.3 The Analysis of Compositional Intersemiotic Complementarity
5.8 The Theoretical Framework and Summary

CHAPTER SIX
The Context of The Mountains Text
### 6.0 Introduction

The Economist Magazine and its Context of Creation

6.1 The Artistic Conventions of the Authors’ Community

6.1.1 The Institutional Background of The Economist Magazine

6.1.2 The Economist Style Book and Numbers Guide

6.1.3 The Economist Magazine’s In-house Graphic Design Policy

6.1.4 Visual and Verbal Typology at The Economist Magazine

6.2 The Authors’ Conception of their Audience

6.3 The Authors’ Individual Preoccupations

6.2 The Mountains Text in The Economist Magazine

6.2.1 The Context of Situation of the Mountains Text

6.2.2 The Intertextual History of the Mountains Text

6.2.2.1 The Subject Matter and the Issue (Field-related)

6.2.2.2 The Attitudes (Tenor-related)

6.2.2.3 Visual and Verbal Typology (Mode-related)

6.3 Summary

### CHAPTER SEVEN The Analysis of Intersemiotic Complementarity in The Mountains Text

7.0 Introduction

7.1 Analytical Procedures

7.2 An Intersemiotic Ideational Analysis of the Mountains Text

7.2.1 Visual Message Elements in The Sketch Caricature

7.2.2 Visual Message Elements in the Line Graphs

7.2.3 An Intersemiotic Ideational Analysis of the Mountains Text

7.2.3.1 The Sketch Caricature

7.2.3.2 The Line Graphs

7.3 An Intersemiotic Interpersonal Analysis of the Mountains Text

7.3.1 Visual Address (MOOD): Offers and Demands

7.3.2 Visual Point of View: Involvement

7.3.3 Visual Point of View: Power Relations

7.3.4 Visual Point of View: Social Distance

7.3.5 Visual Modality: Viewer Attitudes

7.3.5.1 The Attitudes in the Sketch Caricature

7.3.5.2 The Attitudes in the Line Graphs

7.3.6 The Mountains Text: An Interpersonal Intersemiotic Complementarity Analysis

7.3.6.1 The Analysis of Intersemiotic Address in the Mountains Text

7.3.6.2 The Analysis of Intersemiotic Attitudinal Congruence and Attitudinal Dissonance in the Mountains Text (Visual-Verbal
7.3.6.3 The Analysis of Intersemiotic Attitudinal Congruence and Attitudinal Dissonance in the *Mountains* Text (Attitudinal Attributes and Adjectives).

7.4 An Intersemiotic Compositional Analysis of the *Mountains* Text

7.4.1 Intertextuality and Composition in the *Mountains* Text

7.4.2 Intersemiotic Compositional Features in the *Mountains* Text

7.5 Discussion of Results and Summary

**CHAPTER EIGHT**

**Conclusion**

8.0 Concluding Summary

8.1 Directions for Future Research

8.1.1 Analyses Focussing on Specific Intersemiotic Metafunctions

8.1.2 Intersemiotic Complementarity between the Visuals and the Verbal Discourse Staging

8.1.3 Intra-visual Compositional Intersemiotic Complementarity in the *Mountains* Text

8.2 Educational Applications of this Study

8.2.1 A Suggested Methodology for Using Visuals in Educational Contexts

8.3 Final Comments

**BIBLIOGRAPHY**

**APPENDICES**

A1 - The *Mountains* Text

A2 - Sentence Division of the *Mountains* Text

A3 - The SFL Model and Economics Discourse