# Table of Contents

Acknowledgements | IX  
Preface | XI

## 1 Some Notions of an Infinite Space | 1

1.1 Geodesy, or the First Translations of Nature | 1  
1.2 Recursion as Creator of Infinity | 9  
1.3 The Destruction of Space | 13  
1.4 Toward Fractality | 19  
1.5 Some Words About Chaos | 29  
1.6 Fractus, Fracta, Fractum | 33  
1.7 Veritas Filia Temporis | 43

## 2 The Geometrical Machine | 47

2.1 Perspective: The Geometry of Sight | 47  
2.2 The Camera Obscura: A Phenomenon of Externalization | 56  
2.3 Self-Similarity: Fold Into Fold (Leibniz and the Microscope) | 65  
2.4 Self-Similarity as a Narrative Tool | 78  
2.5 Mise en Abyme: Blazon Into Blazon | 94  
2.6 The Panorama: An Example of ‘Gigantomanie des Mediums’ | 107  
2.7 Panorama and Moving Panorama as Proto-Fractal Spaces | 119  
2.8 Photographic Technology: A Translation Tool of Nature’s Shadows | 127  
2.9 Stereoscopic Vision | 135  
2.10 Photographic Technology: A Nature’s Pencil | 138  
2.11 A New Space Which Accepts Movement | 148
3 Film As Spatial Organization | 167

3.1 Visualizing Multidimensional Spaces | 167
3.2 A Geodesy of Film Narrative | 187
3.3 Ideal Elements in Narrative Space | 219
3.4 A New Relationship Between Paradigma and Syntagma | 257
3.5 Hypertext: A Digital Episteme | 273
3.6 Toward a Strict Fractal Narrative | 288

4 Fractal Narrative | 307

4.1 Media-Activism: The Creation of Fractal Spaces | 307
4.2 Fractalis Narratio Ordine Geometrico Demonstrata | 339

List of Illustrations | 353
Bibliography | 363