

Foreword: Into the Lion's Den Once Again	ix
Acknowledgements	xiii
List of Illustrations	xiv
Abbreviations	xvi
1 Opening Arguments	1
2 The Genesis of the Delimitation Issue	7
3 The Political Approach: A Fistful of Theories	31
4 The Political Approach: For a Few Theories More	49
5 The Spatial Approach: Arbitrary Altitudes	80
6 The Spatial Approach: Natural Phenomena	94
7 The Spatial Approach: Aerodynamic Lift	113
8 The Spatial Approach: Myths and Misconceptions	120
9 The Spatial Approach: Aerostatic Buoyancy	157
10 The Spatial Approach: Lowest Perigee	165
11 The Functional Approach: Security of the State	209
12 The Functional Approach: Its Rise and Stall	233
13 The Functional Approach: What Are Space Activities?	246
14 The Functional Approach: What Are Space Objects?	264
15 What is Outer Space?	280
16 A Temporal Approach	291
17 National Practices and Legislation	309
18 Right of Passage	321
19 Effective Control and State Interest Reconsidered	372
20 A Hybrid Approach	389
21 A Draft Space Delimitation Convention	424
22 Practical Considerations and the Convention	459
23 The Outer Limits	472
24 Summation	490
Appendix 1: Altitudes of Interest with Regard to Spatial Delimitation	499
Appendix 2: Space Object Perigees below 100 Kilometers	506
Appendix 3: Selected Suborbital Flights	508
Appendix 4: Space Vehicle Reentry Altitude and Range Profiles	534

Appendix 5: Space Vehicle Ground Tracks 535
Appendix 6: Draft Convention Regarding Delimitation 560
Appendix 7: Proyecto de Convenio Relativo a la Delimitación 567
Appendix 8: Projet de Convention Concernant la Délimitation 574
Appendix 9: Проект Конвенция Относительно Разграничении 581
Appendix 10: Progetto di Convenzione sulla Delimitazione 589

Bibliography 596

Index 630