

CONTENTS

Introduction: All Worlds	1
Part 1: Musical Variables	15
Paths of Change	17
'Building Up' and 'Breaking Down' Musical Variables	22
Music Before Sounds	24
Specifying Variables within a Musical Context, or 'Taking Variables into Account'	28
Music After Sounds: Non-sonic Variables	29
A Definition of Music	33
Constraining Variables: Quantisation	36
Constraining Variables: Limiting Ranges	42
Flexible Music and Concrete Music	44
Configurations of Musical Variables: Instruments	49
Configurations of Musical Variables: Styles	52
Configurations of Musical Variables: Works	55
Configurations and the Variability of Music as a Whole	57
Part 2: Welcome to Music Space	61
Cage's 'Sound Space'	62
Recognising Variables	65
Constituting Musical Objects	66
Subsets, Subspaces, Concentric Musical Objects	70
Dimensions in Sound Space	77
Dimensions in Music Space	80
Using Musical Objects	83
The Infinite Variety of Musical Objects	87
The Progressive Specification of Music Space	94
Degrees of Freedom	99

Extrapolating a Music Space from Performance Events	107
Music Space and New Music	112
Part 3: Aesthetics and Music Space	117
Active, Interested Listening	122
Images of Music	130
Images of Styles and of Music-itself	138
Musical Canons	142
Modern Music (Music Beyond Images)	144
Music Criticism and Music-as-music-criticism	147
A Definition of New Music	149
Critical Listening	151
Repetition, Difference and Images of Music	153
The Recurring Specifics of Style	161
Synthesis: Between Earth and Elsewhere	166
Alien Styles	170
Alien Genres	173
New Instruments	182
Epilogue: Into the Future	189
Appendix: Alan Lomax's Cantometrics System	197
Acknowledgements	206
Notes	207
Bibliography / Referenced Texts / Further Reading	219