

Contents

Introduction	vii
1 The Structure of Rhythm: The Essence of Time in Music	1
2 Aesthetics and Psychobiology	19
3 The Neural Dynamics of Rhythm	39
4 Biomedical Research in Music	61
5 Rhythm-driven Optimization of Motor Control <i>Gary P. Kenyon and Michael H. Thaut</i>	85
6 Music in Therapy and Medicine: From Social Science to Neuroscience	113
7 Neurologic Music Therapy in Sensorimotor Rehabilitation	137
8 Neurologic Music Therapy in Speech and Language Rehabilitation	165
9 Neurologic Music Therapy in Cognitive Rehabilitation <i>James C. Gardiner</i>	179
Appendices	203
References	219