

# Contents

## Section I: Music Education

Agent Reflection in an Intelligent Learning Environment Architecture for Musical Composition <i>J. Cook</i> .....	3
Learning About Harmony with Harmony Space: An Overview <i>S. Holland</i> .....	24
MOTIVE: The Development of an AI Tool for Beginning Melody Composers <i>M. Smith and S. Holland</i> .....	41
Uncovering Cognitive Processes in Music Composition: Educational and Computational Approaches <i>B.K. Smith and W.H. Smith, Jr.</i> .....	56

## Section II: Representation of Musical Knowledge

Representations of the MONK Harmonisation Systems <i>D. Coates</i> .....	77
Slappability: A New Metaphor for Human Computer Interaction <i>D.V. Oppenheim</i> .....	92
Music Representation – Between the Musician and the Computer <i>A. Smail, G.A. Wiggins and E. Miranda</i> .....	108

## Section III: Music Theory and Computational Models

Pragmatics in Language and Music <i>K.R. Coventry and T. Blackwell</i> .....	123
The Role of Musical Memory in Creativity and Learning: A Study of Jazz Performance <i>G. Ramalho and J.-G. Ganascia</i> .....	143
Automatic Characterisation of Musical Style <i>M.D. Westhead and A. Smail</i> .....	157
<b>Author Index</b> .....	171