contents

EDITORIAL

PETER E. KELLER & MARTINA RIEGER

ARTICLES

SUMMER K. RANKIN, EDWARD W. LARGE, & PHILIP W. FINK

JANEEN D. LOEHR & CAROLINE PALMER

WERNER GOEBL & CAROLINE PALMER

CAROLINE PALMER, ERIK KOOPMANS, JANEE N D. LOEHR, & CHRISTINE CARTER

CATHERINE J. STEVENS, EMERY SCHUBERT, SHUAI WANG, CHRISTIAN KROOS, & SHAUN HALOVIC

GEOFF LUCK & JOHN A. SLOBODA

STEVEN R. LIVINGSTONE, WILLIAM FORDE THOMPSON, & FRANK A. RUSSO

KATIE OVERY & ISTVAN MOLNAR-SZAKACS

397 Special Issue—Musical Movement and Synchronization

401 Fractal Tempo Fluctuation and Pulse Prediction

415 Subdividing the Beat: Auditory and Motor Contributions to Synchronization

427 Synchronization of Timing and Motion Among Performing Musicians

439 Movement-Related Feedback and Temporal Accuracy in Clarinet Performance

451 Moving With and Without Music: Scaling and Lapsing in Time in the Performance of Contemporary Dance

465 Spatio-Temporal Cues for Visually Mediated Synchronization

475 Facial Expressions and Emotional Singing: A Study of Perception and Production with Motion Capture and Electromyography

489 Being Together in Time: Musical Experience and the Mirror Neuron System