Record Nr. UNINA9910825194403321 A-Life for music: music and computer models of living systems // **Titolo** Eduardo Reck Miranda, editor Pubbl/distr/stampa Middleton, Wisconsin:,: A-R Editions,, 2011 ©2011 Descrizione fisica 1 online resource (332 p.) Collana Computer Music and Digital Audio Series; Volume 24 Disciplina 781.3/4 Soggetti Computer composition Genetic algorithms Multiagent systems **Evolutionary computation** Artificial life - Computer programs Music - Computer programs Lingua di pubblicazione Inglese **Formato** Materiale a stampa Livello bibliografico Monografia Note generali Description based upon print version of record. Includes bibliographical references and index. Nota di bibliografia Nota di contenuto ""A-Life for Music: Music and Computer Models of Living Systems""; ""A-LIFE FOR MUSIC""; ""Contents""; ""List of Figures, Examples, and Tables""; ""Preface""; ""ONE Artificial Anuran Choruses""; ""TWO Multi-Agent Modeling of Complex Rhythmic Interactions in Real-Time Performance""; ""THREE Using Coevolution in Music Improvisation""; ""FOUR Structural Coupling in a Society of Musical Agents""; ""FIVE Transformation and Mapping of L-Systems Data in the Composition of a Large- Scale Piece of Music""; ""SIX Generative Composition with Nodal"" ""SEVEN Evolutionary Morphing for Music Composition""""EIGHT The Evolving Drum Machine""; ""NINE Autonomous Evolution of Piano Pieces and Performances with Ossia II""; ""TEN A Biophysically Constrained Multi-Agent Systems Approach to Algorithmic Composition with Expressive Performance""; ""ELEVEN Artificial Evolution of Tuning Systems""; ""TWELVE Replication, Parataxis, and Evolution: Meme Journeys through the First Movement of a Mozart Sonata""; ""THIRTEEN

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