1. Record Nr. UNINA9910144023703321

Titolo	Computer Music Modeling and Retrieval : International Symposium, CMMR 2003, Montpellier, France, May 26-27, 2003, Revised Papers / / edited by Uffe K. Wiil
Pubbl/distr/stampa	Berlin, Heidelberg : , : Springer Berlin Heidelberg : , : Imprint : Springer, , 2004
ISBN	3-540-39900-3
Edizione	[1st ed. 2004.]
Descrizione fisica	1 online resource (X, 254 p.)
Collana	Lecture Notes in Computer Science, , 0302-9743 ; ; 2771
Disciplina	786.7/6
Soggetti	Signal processing Image processing Speech processing systems Information storage and retrieval Database management Application software Multimedia systems User interfaces (Computer systems) Signal, Image and Speech Processing Information Storage and Retrieval Database Management Information Systems Applications (incl. Internet) Multimedia Information Systems User Interfaces and Human Computer Interaction
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Bibliographic Level Mode of Issuance: Monograph
Nota di bibliografia	Includes bibliographical references at the end of each chapters.
Nota di contenuto	Some Projects and Reflections on Algorithmic Music -- Real-Time Beat EstimationUsing Feature Extraction -- Towards a General Architecture for Musical Archive Information Systems -- The Study of Musical Scales in Central Africa: The Use of Interactive Experimental Methods -- Evolving Automatically High-Level Music Descriptors from Acoustic Signals -- ‘Ambiguous Live’ – Exploring Collaborative, Dynamic Control of MIDI Sequencers -- Characterization of Musical Performance Using

Physical Sound Synthesis Models -- Conserving an Ancient Art of Music: Making SID Tunes Editable -- “GMU” – An Integrated Microsound Synthesis System -- What Are We Looking for? -- Extraction of Structural Patterns in Popular Melodies -- Musical Pattern Extraction Using Genetic Algorithms -- Automatic Extraction of Approximate Repetitions in Polyphonic Midi Files Based on Perceptive Criteria -- Deriving Musical Structures from Signal Analysis for Music Audio Summary Generation: “Sequence” and “State” Approach -- Musical Style Classification from Symbolic Data: A Two-Styles Case Study -- FMF(Fast Melody Finder): A Web-Based Music Retrieval System -- The Representation Levels of Music Information -- “Leçons”: An Approach to a System for Machine Learning, Improvisation and Musical Performance -- About the Role of Mapping in Gesture-Controlled Live Computer Music -- Designing Musical Interfaces with Composition in Mind.

Sommario/riassunto

This volume contains the ?nal proceedings for the Computer Music Modeling andRetrievalSymposium(CMMR2003). Thiseventwashelddur ing26-27May 2003 on the campus of CNRS/Universit´ e de Montpellier II, located in Montp- lier, France. CMMR is a new annual event focusing on important aspects of computer music. CMMR 2003 is the ?rst event in this new series. CMMR 2003 was jointly organized by Aalborg University, Esbjerg in Denmark and LIRMM in France. The use of computers in music is well established. CMMR 2003 provided a unique opportunity to meet and interact with peers concerned with the cro- in'uence of the technological and creative in computer music. The ?eld of c- putermusicisinterdisciplinarybynatureandcloselyrelatedtoanumberofc- puter science and engineering areas such as information retrieval, programming, human computer interaction, digital libraries, hypermedia, arti'cial intelligence, acoustics, signal processing, etc. The event gathered several interesting people (researchers, educators, composers, performers, and others). There were many high-quality keynote and paper presentations that fostered inspiring discussions. I hope that you ?nd the work presented in these proceedings as interesting and exciting as I have. First of all, I would like to thank Marc Nanard, Jocelyne Nanard, and - olaine Prince for the very fruitful cooperation that led to the organization of this ?rst event in the CMMR series. I would also like to thank my colleague Kirstin Lyon for her help in compiling these proceedings. Finally, this volume would not have been possible without the help of Springer-Verlag, Heidelberg.