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The Handbook of Musical Codes

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Beyond Midi The Handbook Of Musical Codes

Stanley Sadie, John Tyrrell



Beyond Midi The Handbook Of Musical Codes:

Beyond MIDI Eleanor Selfridge-Field,1997 The establishment of the Musical Instrument Digital Interface MIDI in the late 1980s allowed hobbyists and musicians to experiment with sound control in ways that previously had been possible only in research studios MIDI is now the most prevalent representation of music but what it represents is based on hardware control protocols for sound synthesis Programs that support sound input for graphics output necessarily span a gamut of representational categories What is most likely to be lost is any sense of the musical work Thus for those involved in pedagogy analysis simulation notation and music theory the nature of the representation matters a great deal An understanding of the data requirements of different applications is fundamental to the creation of interchange codes The contributors to *Beyond MIDI* present a broad range of schemes illustrating a wide variety of approaches to music representation Generally each chapter describes the history and intended purposes of the code a description of the representation of the primary attributes of music pitch duration articulation ornamentation dynamics and timbre a description of the file organization some mention of existing data in the format resources for further information and at least one encoded example The book also shows how intended applications influence the kinds of musical information that are encoded Contributors David Bainbridge Ulf Berggren Roger D Boyle Donald Byrd David Cooper Edmund Correia Jr David Cottle Tim Crawford J Stephen Dydo Brent A Field Roger Firman John Gibson Cindy Grande Lippold Haken Thomas Hall David Halperin Philip Hazel Walter B Hewlett John Howard David Huron Werner Icking David Jaffe Bettye Krolick Max V Mathews Toshiaki Matsushima Steven R Newcomb Kia Chuan Ng Kjell E Nordli Sile O Modhrain Perry Roland Helmut Schaffrath Bill Schottstaedt Eleanor Selfrdige Field Peer Sitter Donald Sloan Leland Smith Andranick Tanguiane Lynn M Trowbridge Frans Wiering [Structuring Music through Markup Language: Designs and Architectures](#) Steyn, Jacques,2012-11-30 This book offers a different approach to music by focusing on the information organization and the development of XML based language presenting a new set of tools for practical implementations and a new investigation into the theory of music Provided by publisher *Visual Perception of Music Notation* Susan Ella George,2005-01-01 Susan Ella George addresses the computer recognition of music notation its interpretation and its use within various application contexts Her book includes research in the field of image processing and pen based computing representation languages and Web based applications **Empirical Musicology** Eric Clarke,Nicholas Cook,2004-09-02 The study of music is always to some extent empirical in that it involves testing ideas and interpretations against some kind of external reality But in musicology the kinds of empirical approaches familiar in the social sciences have played a relatively marginal role being generally restricted to inter disciplinary areas such as psychology and sociology of music Rather than advocating a new kind of musicology Empirical Musicology provides a guide to empirical approaches that are ready for incorporation into the contemporary musicologist s toolkit Its nine chapters cover perspectives from music theory computational musicology

ethnomusicology and the psychology and sociology of music as well as an introduction to musical data analysis and statistics This book shows that such approaches could play an important role in the further development of the discipline as a whole not only through the application of statistical and modeling methods to musical scores but also and perhaps more importantly in terms of understanding music as a complex social practice *RILM Abstracts of Music Literature* International Repertory of Music Literature (Organization),1997 A comprehensive ongoing guide to publications on music from all over the world with abstracts written in English All scholarly works are included articles books bibliographies catalogues dissertations Festschriften films and videos iconographies critical commentaries to complete works ethnographic recordings conference proceedings electronic resources and reviews Music Notation as Objects Kai Lassfolk,2004 Proceedings of the ... International Computer Music Conference ,1998 Computing in Musicology ,2006 *The Virtual Score* Walter B. Hewlett,Eleanor Selfridge-Field,2001 An overview of approaches to working with musical scores in the age of computer and especially Internet applications **Musikarchäologische Quellengruppen: Bodenurkunden, Mündliche Überlieferung, Aufzeichnung** Ellen Hickmann,2004 *The New Grove Dictionary of Music and Musicians: Borowski to Canobbio* Stanley Sadie,2001 **Current Contents** ,1999 Methods of Computer-assisted Music Analysis Nico Stephan Schuler,2000 Music Analysis East and West Walter B. Hewlett,Eleanor Selfridge-Field,2006 This volume of *Computing in Musicology* considers approaches to the computer representation and analysis of early and non Western music It describes efforts to provide new tools that may make such work more practical in the future It also brings fresh insights to the repertoires themselves XML is offered as one possible solution to the coordination of diverse representations from diverse repertoires Page 4 de la couverture **Forthcoming Books** Rose Army,1997 *ACM Transactions on Computer-human Interaction* ,2002 Impact of MIDI on Electroacoustic Art Music Alex Igoudin,1997 *The New Grove Dictionary of Music and Musicians* Stanley Sadie,John Tyrrell,2001 *The New Grove Dictionary of Music and Musicians: Pohlman to Recital* Stanley Sadie,2001 Content-based Music Retrieval on Acoustic Data Cheng Yang,2003

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