

## Machine Musicianship (MIT Press)



Musicians begin formal training by acquiring a body of musical concepts commonly known as musicianship. These concepts underlie the musical skills of listening, performance, and composition. Like humans, computer music programs can benefit from a systematic foundation of musical knowledge. This book explores the technology of implementing musical processes such as segmentation, pattern processing, and interactive improvisation in computer programs. It shows how the resulting applications can be used to accomplish tasks ranging from the solution of simple musical problems to the live performance of interactive compositions and the design of musically responsive installations and Web sites. Machine Musicianship is both a programming tutorial and an exploration of the foundational concepts of musical analysis, performance, and composition. The theoretical foundations are derived from the fields of music theory, computer music, music cognition, and artificial intelligence. The book will be of interest to practitioners of those fields, as well as to performers and composers. The concepts are programmed using C++ and Max. The accompanying CD-ROM includes working versions of the examples, as well as source code and a hypertext document showing how the code leads to the programs musical functionality.

Machine Musicianship - Robert Rowe - Google Books Machine Musicianship is both a programming tutorial and an exploration of the foundational concepts of musical MIT Press, 2001 - Computers - 399 pages. Audiobook Machine Musicianship (MIT Press) Robert Rowe mp3 The Music Machine: Selected Readings from the Computer Music Journal, edited by Curtis. Roads, 1989. R. Rowe, Machine Musicianship, MIT Press, 2001. Machine Musicianship by Robert Rowe at - ISBN 10: 0262681498 - ISBN 13: 9780262681490 - MIT Press - 2004 - Softcover. Machine Musicianship (MIT Press) - by Robert Rowe (Author) Wiki for Collaborative Studies of Arts, Media and Humanities. Machine Musicianship The MIT Press - 6 secGet Now <http://?book=0262681498Reading> [PDF] Machine Robert Rowe, Machine Musicianship, MIT Press, Cambridge, MA Available now at - ISBN: 9780262182065 - Hardcover - The MIT Press - 2001 - Book Condition: Used: Good. [PDF] Machine Musicianship (MIT Press) [Download] Full Ebook Machine Musicianship has 12 ratings and 0 reviews. Musicians Published January 30th 2004 by Mit Press (first

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