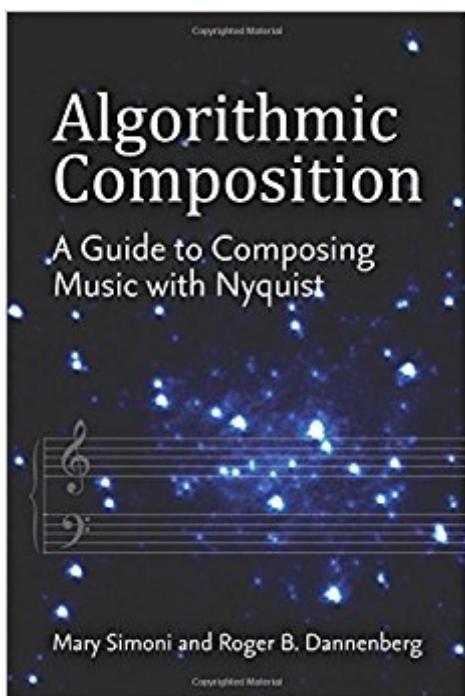


The book was found

Algorithmic Composition: A Guide To Composing Music With Nyquist



Synopsis

Composers have used formalized procedures to create music throughout history. With the advent of the computer, algorithmic composition allows composers not only to create and experiment with different formalisms, but to hear and evaluate results quickly. Often in algorithmic composition, the composer has only a vague idea how the output will sound, but because the input is highly automated, the composer can make adjustments to take advantage of happy accidents, program bugs, and other creative sources of sound. *Algorithmic Composition: A Guide to Composing Music with Nyquist* provides an overview of procedural approaches to music generation. It introduces programming concepts through many examples written using the Nyquist system for music composition and sound synthesis. Nyquist is freely available software, and over 100 program examples from this book are available in electronic form. Readers will be well equipped to develop their own algorithms for composition. Music students who are learning about computer music and electronic music will all be interested in this innovative book, as generative music becomes an important part of the future of the discipline. Students and scholars in computer science will also find much to interest them, in a straightforward and fun way.

Book Information

Paperback: 264 pages

Publisher: University of Michigan Press (January 2, 2013)

Language: English

ISBN-10: 0472035231

ISBN-13: 978-0472035236

Product Dimensions: 6 x 0.8 x 9 inches

Shipping Weight: 13.6 ounces (View shipping rates and policies)

Average Customer Review: 2.0 out of 5 stars 1 customer review

Best Sellers Rank: #519,246 in Books (See Top 100 in Books) #78 in Books > Arts & Photography > Music > Theory, Composition & Performance > MIDI, Mixers, etc. #298 in Books > Arts & Photography > Music > Theory, Composition & Performance > Composition

Customer Reviews

Mary Simoni is Dean of Humanities, Arts, and Social Sciences at Rensselaer Polytechnic Institute and Professor Emerita, Performing Arts Technology, at the University of Michigan. Her music and multimedia works have been performed in Asia, in Europe, and widely throughout the United States and have been recorded by Centaur Records, the Leonardo Music Journal, and the International

Computer Music Association. As a pianist, she has performed with live electronics at national and international festivals. Dr. Simoni is a past president of the International Computer Music Association. Roger B. Dannenberg is Professor of Computer Science, Art, and Music at Carnegie Mellon University. His pioneering work in computer accompaniment led to three patents and the SmartMusic system now used by tens of thousands of music students. He also co-designed Audacity, a popular audio editor, and created Nyquist, the composition and synthesis system featured in this book. As a trumpet player, he has performed in the historic Apollo Theater in Harlem as well as concert halls in Europe, in South and Central America, and across the United States.

A quick reading enough for me to decide to return, which I never did it before. The title was over advertised.

[Download to continue reading...](#)

Algorithmic Composition: A Guide to Composing Music with Nyquist Blank Piano Sheet Music : (8.5 by 11) Large Print - Music Manuscript Notebook - (Composition Books - Music Manuscript Paper - Piano Sheet Music) Blank ... For Piano 104 Pages Vol.9: Blank Sheet Music Composition Notebook: College Ruled Writerâ™s Notebook for School / Teacher / Office / Student [Perfect Bound * Large * Music Carnival] (Composition Books - Music Gifts) Blank Sheet Music: Music Manuscript Paper / Staff Paper / Musicians Notebook [Book Bound (Perfect Binding) * 12 Stave * 100 pages * Large * Music Panda] (Composition Books - Music Manuscript Paper) Blank Music Notebook 8.5"x11": Blue Piano Keys Cover | Music Sheets | Music Manuscript | Staff Paper | 12 Staves Per Page 5 lines | Musicians Notebook ... Version (Music Composition Books) (Volume 13) Blank Sheet Music : (Large Print) - 8.5x11 - 12 Stave Blank Sheet Music Paper - Music Manuscript Notebook - Blank Staff Paper - 104 Pages (Composition ... Paper) Vol.7: Blank Sheet Music Notebook Music Outside the Lines: Ideas for Composing in K-12 Music Classrooms Blank Sheet Music: Music Manuscript Paper / Staff Paper / Musicians Notebook [Book Bound (Perfect Binding) * 12 Stave * 100 pages * Large * Antique] (Composition Books - Music Manuscript Paper) Blank Sheet Music: Music Manuscript Paper / Staff Paper / Musicians Notebook [Book Bound (Perfect Binding) * 12 Stave * 100 pages * Large * Carnival] (Composition Books - Music Manuscript Paper) Children's Blank Music Notebook 8.5"x11": Music Manuscript | Staff Paper | 12 Staves Per Page 5 lines | Musicians Notebook | 100 pages | Large A4 ... Version (Music Composition Books) (Volume 18) Blank Sheet Music: Music Manuscript Paper / Staff Paper / Musicians Notebook (Composition Books - Music Manuscript Paper) 100 pages 12 stave per page Music Manuscript Notebook 8.5"x11": Dandelion Cover | Blank Music Sheets | Staff Paper | 12 Staves Per Page 5 lines | Musicians Notebook | 100 pages | ...

Version (Music Composition Books) (Volume 15) Guitar Tab Books : Blank Sheet Music With Chord Boxes, TAB, Lyric Line and Staff Paper - (Composition Notebook - Music Manuscript Paper) - Woden Plank ... Sheet Music (Guitar Tab Notebook) (Volume 4) Blank Sheet Music: Music Manuscript Paper / Staff Paper / Musicians Notebook [Book Bound (Perfect Binding) * 12 Stave * 100 pages * Large * Leaf] (Composition Books - Music Manuscript Paper) Libby Larsen: Composing an American Life (Music in American Life) Composing for the State: Music in Twentieth-Century Dictatorships (Musical Cultures of the Twentieth Century) Music Staff Paper For Kids: Piano Large, Empty Staff, Manuscript Sheets Notation Paper For Composing For Musicians, Students, Songwriting. Book Notebook Journal 100 Pages 8.5x11 Blank Music Sheet For Piano: Treble Clef And Bass Clef Empty 12 Staff, Manuscript Sheets Notation Paper For Composing For Musicians, Teachers, Students, Songwriting. Book Notebook Journal 100 Pages Composing Music: A New Approach Winter Music: Composing the North

[Contact Us](#)

[DMCA](#)

[Privacy](#)

[FAQ & Help](#)