



# Generative Music for Media Applications: An Evaluation of Algorithmic Composition Strategies to Enhance the Media Production Process

*By Julian Rubisch*

Download now

Read Online ➔

**Generative Music for Media Applications: An Evaluation of Algorithmic Composition Strategies to Enhance the Media Production Process** By Julian Rubisch

Finding or composing suitable media music often poses a serious challenge to media producers: Low-budget video productions, video game producers etc. often lack know-how or resources to have adequate media music composed for the application in question. To avoid the use of royalty-free music libraries, this book suggests the use of generative algorithms for music production. First, functions, impacts and possible taxonomies of media music are investigated, along with its emotional and semantic content. Moreover, a model for the musical representation of emotional or affective states is introduced using Russell's Circumplex Model of Affects and based on state-of-the-art research on this topic. Eventually, algorithms suitable for automated composition of music are evaluated, with a special focus on the ability to map the musical parameters derived from the above-mentioned emotional model onto the algorithms' input parameters. In addition, using the most applicable methods for automated composition, a prototypical music-generating application is developed. This book addresses media producers, computer musicians and audio engineers engaged in sound and music computing.

↓ [Download Generative Music for Media Applications: An Evalua ...pdf](#)

📖 [Read Online Generative Music for Media Applications: An Eval ...pdf](#)

# Generative Music for Media Applications: An Evaluation of Algorithmic Composition Strategies to Enhance the Media Production Process

*By Julian Rubisch*

## **Generative Music for Media Applications: An Evaluation of Algorithmic Composition Strategies to Enhance the Media Production Process By Julian Rubisch**

Finding or composing suitable media music often poses a serious challenge to media producers: Low-budget video productions, video game producers etc. often lack know-how or resources to have adequate media music composed for the application in question. To avoid the use of royalty-free music libraries, this book suggests the use of generative algorithms for music production. First, functions, impacts and possible taxonomies of media music are investigated, along with its emotional and semantic content. Moreover, a model for the musical representation of emotional or affective states is introduced using Russell's Circumplex Model of Affects and based on state-of-the-art research on this topic. Eventually, algorithms suitable for automated composition of music are evaluated, with a special focus on the ability to map the musical parameters derived from the above-mentioned emotional model onto the algorithms' input parameters. In addition, using the most applicable methods for automated composition, a prototypical music-generating application is developed. This book addresses media producers, computer musicians and audio engineers engaged in sound and music computing.

## **Generative Music for Media Applications: An Evaluation of Algorithmic Composition Strategies to Enhance the Media Production Process By Julian Rubisch Bibliography**

- Rank: #6151764 in Books
- Published on: 2009-10-30
- Original language: English
- Dimensions: 8.66" h x .32" w x 5.91" l,
- Binding: Paperback
- 140 pages

 [Download Generative Music for Media Applications: An Evalua ...pdf](#)

 [Read Online Generative Music for Media Applications: An Eval ...pdf](#)

## **Download and Read Free Online Generative Music for Media Applications: An Evaluation of Algorithmic Composition Strategies to Enhance the Media Production Process By Julian Rubisch**

---

### **Editorial Review**

#### **About the Author**

Julian Rubisch studied Telecommunications and Media at the University of Applied Sciences St. Pölten in Austria, and received his Master's degree in April 2009. He has been working as a junior researcher there since 2007; his primary fields of interest are sound & music computing, sonic interaction design and multimodal information retrieval.

### **Users Review**

#### **From reader reviews:**

##### **Dennis Scott:**

Have you spare time for any day? What do you do when you have far more or little spare time? Sure, you can choose the suitable activity to get spend your time. Any person spent their particular spare time to take a stroll, shopping, or went to the Mall. How about open as well as read a book called Generative Music for Media Applications: An Evaluation of Algorithmic Composition Strategies to Enhance the Media Production Process? Maybe it is to become best activity for you. You already know beside you can spend your time together with your favorite's book, you can wiser than before. Do you agree with its opinion or you have different opinion?

##### **Juanita Jones:**

The experience that you get from Generative Music for Media Applications: An Evaluation of Algorithmic Composition Strategies to Enhance the Media Production Process is the more deep you looking the information that hide in the words the more you get serious about reading it. It does not mean that this book is hard to understand but Generative Music for Media Applications: An Evaluation of Algorithmic Composition Strategies to Enhance the Media Production Process giving you excitement feeling of reading. The writer conveys their point in a number of way that can be understood by simply anyone who read this because the author of this e-book is well-known enough. This particular book also makes your personal vocabulary increase well. Making it easy to understand then can go to you, both in printed or e-book style are available. We suggest you for having this particular Generative Music for Media Applications: An Evaluation of Algorithmic Composition Strategies to Enhance the Media Production Process instantly.

##### **Kimberley Bailey:**

This book untitled Generative Music for Media Applications: An Evaluation of Algorithmic Composition Strategies to Enhance the Media Production Process to be one of several books in which best seller in this year, that is because when you read this guide you can get a lot of benefit into it. You will easily to buy this particular book in the book retail outlet or you can order it by way of online. The publisher of this book sells the e-book too. It makes you quicker to read this book, since you can read this book in your Touch screen phone. So there is no reason for you to past this e-book from your list.

**Robert Olsen:**

Don't be worry for anyone who is afraid that this book can filled the space in your house, you might have it in e-book method, more simple and reachable. That Generative Music for Media Applications: An Evaluation of Algorithmic Composition Strategies to Enhance the Media Production Process can give you a lot of close friends because by you taking a look at this one book you have factor that they don't and make a person more like an interesting person. This kind of book can be one of a step for you to get success. This book offer you information that possibly your friend doesn't learn, by knowing more than some other make you to be great individuals. So , why hesitate? Let us have Generative Music for Media Applications: An Evaluation of Algorithmic Composition Strategies to Enhance the Media Production Process.

**Download and Read Online Generative Music for Media Applications: An Evaluation of Algorithmic Composition Strategies to Enhance the Media Production Process By Julian Rubisch #D2RXNMAY075**

# **Read Generative Music for Media Applications: An Evaluation of Algorithmic Composition Strategies to Enhance the Media Production Process By Julian Rubisch for online ebook**

Generative Music for Media Applications: An Evaluation of Algorithmic Composition Strategies to Enhance the Media Production Process By Julian Rubisch Free PDF d0wnl0ad, audio books, books to read, good books to read, cheap books, good books, online books, books online, book reviews epub, read books online, books to read online, online library, greatbooks to read, PDF best books to read, top books to read  
Generative Music for Media Applications: An Evaluation of Algorithmic Composition Strategies to Enhance the Media Production Process By Julian Rubisch books to read online.

## **Online Generative Music for Media Applications: An Evaluation of Algorithmic Composition Strategies to Enhance the Media Production Process By Julian Rubisch ebook PDF download**

### **Generative Music for Media Applications: An Evaluation of Algorithmic Composition Strategies to Enhance the Media Production Process By Julian Rubisch Doc**

Generative Music for Media Applications: An Evaluation of Algorithmic Composition Strategies to Enhance the Media Production Process By Julian Rubisch Mobipocket

Generative Music for Media Applications: An Evaluation of Algorithmic Composition Strategies to Enhance the Media Production Process By Julian Rubisch EPub

D2RXNMAY075: Generative Music for Media Applications: An Evaluation of Algorithmic Composition Strategies to Enhance the Media Production Process By Julian Rubisch