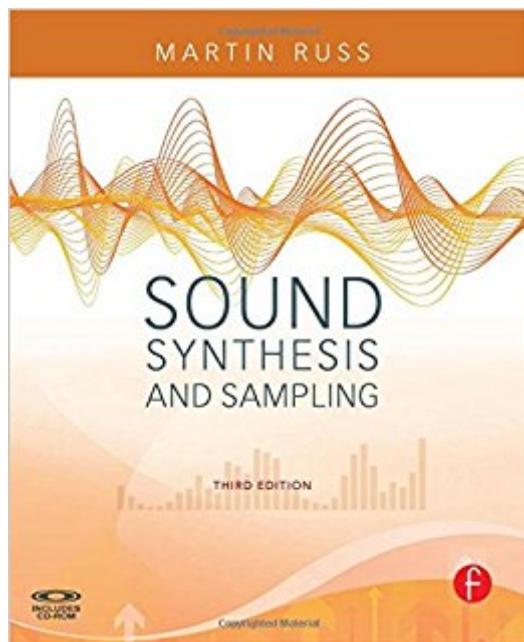


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# Sound Synthesis And Sampling (Music Technology)



## **Synopsis**

Sound Synthesis and Sampling' provides a comprehensive introduction to the underlying principles and practical techniques applied to both commercial and research sound synthesizers. This new edition has been updated throughout to reflect current needs and practices- revised and placed in a modern context, providing a guide to the theory of sound and sampling in the context of software and hardware that enables sound making. For the revised edition emphasis is on expanding explanations of software and computers, new sections include techniques for making sound physically, sections within analog and digital electronics. Martin Russ is well known and the book praised for its highly readable and non-mathematical approach making the subject accessible to readers starting out on computer music courses or those working in a studio.

## **Book Information**

Series: Music Technology

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## **Customer Reviews**

"This is a very good book on the subject. It is detailed enough for the more interested student and easy enough for the average student."--Lecturer (course: Electronic Music), USA "...provides an excellent technical and historical overview of sound synthesis methods in a non-mathematical way."--Computer Music Journal

This book is pretty much what i expected a thorough yet easy to understand guide to the world of

sound synthesis and sampling. It's full with terminology and interesting tid bits related to the history of sound. Any avid producer of electronic music old or new, novice or experienced will take advantage of the indepth knowledge that this text has to offer.

I'm still reading through the book but so far it has been very informative and well-written.

just what I need it, I'm a sound engineer student, and will be graduating here in a bit. This is what I need to get my gears turning. Thanks for the book coming with everything and being in tact. No compliments

I give this book a 5/5 because not only did I need this book for class, but it was a good read overall. I also usually enjoy reading Focal Press books.

This book is still up to date in 2017. We wrote the wiki article on music software and keep it up to date, and there is very little today that would need a new edition at an overdone price: If you're looking for a great intro to synth, look no further. If you're only needing to know the difference between sampling, looping, etc. some of the more practical articles on wiki, or the titles on mixing secrets for small studios would be better. This fits the intermediate need between general waveforms and detailed circuits, and fills an important niche about what's going on under the hood of digital synthesis and music making. It's a great companion to the new krft app that is going viral right now. It also is between practical and theoretic, not a guide to "how to" create hip hop but also not "scholarly" text that's difficult to read and has few real life applications. JUST RIGHT IOW if you're intermediate in the field and want to get into a lot more detail short of circuit diagrams stolen from the Roland electronics dept. Price comment: if this were a springer title at this size and technical depth, it would be \$300. Nuff said? Great bargain from a publisher and author who know we aren't all wealthy, especially in the music field!

positive:-This book is a good introduction to the most common sound synthesis techniques. The books is divided in analog, hybrid and digital techniques. For each of these techniques there are explanations of all the components and also some examples are given of existing instruments. The book also offers a historical perspective with timelines and different technologies for each era.-Good written text with clean figures and diagrams.negative:-This is not a book that explains the electronics in detail so don't expect full schematics of VCO, VCF, VCA etc. There are some of these

schematics, but they are very basic and conceptual and the explanation is quite sparse.-There are a few mistakes in the book and editing is not superb. For example some of the timeline tables mention several synthesizers more than once and with different dates!

A good and complete book, exactly the kind of book I needed to get introduced to sound synthesis.

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