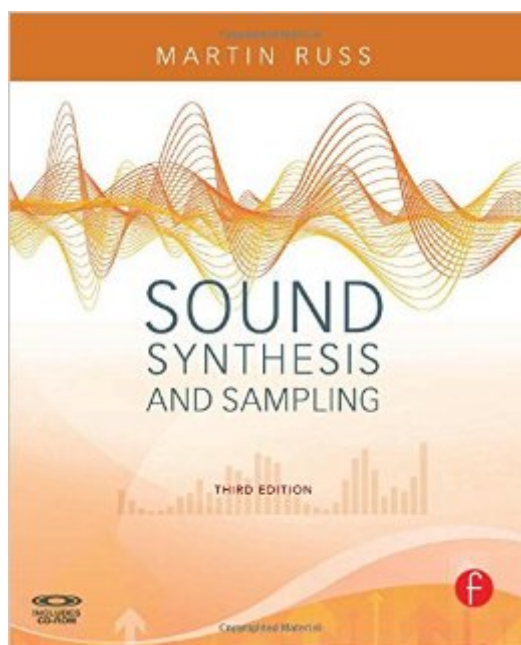


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# Sound Synthesis And Sampling (Music Technology)



## 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

Paperback: 584 pages

Publisher: Focal Press; 3 edition (November 25, 2008)

Language: English

ISBN-10: 0240521056

ISBN-13: 978-0240521053

Product Dimensions: 7.4 x 1.1 x 9.1 inches

Shipping Weight: 3.2 pounds (View shipping rates and policies)

Average Customer Review: 4.6 out of 5 stars See all reviews (5 customer reviews)

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## Customer Reviews

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

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.

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!

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.

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

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