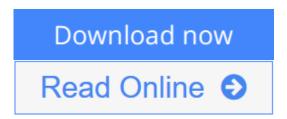# Csound: A Sound and Music Computing System

By Victor Lazzarini, Steven Yi, John ffitch, Joachim Heintz, Øyvind Brandtsegg, Iain McCurdy

Csound: A Sound and Music Computing System By Victor Lazzarini, Steven Yi, John ffitch, Joachim Heintz, Øyvind Brandtsegg, Iain McCurdy

This rigorous book is a complete and up-to-date reference for the Csound system from the perspective of its main developers and power users. It explains the system, including the basic modes of operation and its programming language; it explores the many ways users can interact with the system, including the latest features; and it describes key applications such as instrument design, signal processing, and creative electronic music composition.

The Csound system has been adopted by many educational institutions as part of their undergraduate and graduate teaching programs, and it is used by practitioners worldwide. This book is suitable for students, lecturers, composers, sound designers, programmers, and researchers in the areas of music, sound, and audio signal processing.

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Editorial Review

Review

"Today, Csound is in my opinion the most powerful and general program for sound synthesis and processing. Moreover, it is likely to endure, since it is maintained and developed by a team of competent and dedicated persons. The authors of this book are part of this team: they are talented software experts but also composers or sound designers. The book reviews the programs which culminated in the present Csound, and it explains in full detail the recent features. It can thus serve as both an introduction to Csound and a handbook for all its classic and novel resources." (Jean-Claude Risset, CNRS Marseille)

From the Back Cover

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Victor Lazzarini is the Dean of the Dept. of Arts, Celtic Studies and Philosophy of the National University of Ireland, Maynooth. John Peter Fitch, who also uses the name John ffitch, has retired from the Dept. of Computer Science of the University of Bath, he is a visiting professor at the National University of Ireland, Maynooth. Steven Yi completed his PhD in the Dept. of Music of the National University of Ireland, Maynooth, and he is now a software developer. Joachim Heintz is a member of the Hanover University of Music, Drama and Media (HMTM). Iain McCurdy is a composer of electroacoustic music and sound art, currently based in Berlin. Øyvind Brandtsegg is a member of the Dept. of Music of the Norwegian University of Science and Technology (NTNU), Trondheim.

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