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Notes from the Metalevel - Introduction to Algorithmic Music Composition

The 6th book in *Studies on New Music Research*

Author *Heinrich K. Taube*

Notes from the Metalevel is a practical introduction to computer composition. It is primarily intended for student composers interested in learning how computation can provide them with a new paradigm for musical composition. *Notes from the Metalevel* explains through a practical, example-based approach the essential concepts and techniques of computer-based composition, and demonstrates how these techniques can be integrated into the composer's own creative work.

One of the most exciting aspects of computer-based composition is that it is an essentially empirical activity that does not require years of formal music theory training to understand. For this reason, *Notes from the Metalevel* will be of interest to any reader with a high-school mathematics background interested in experimenting with music composition using MIDI and audio synthesis programs. The book will also be of use to computer science and engineering students who are interested in artistic applications of object-oriented programming techniques and music software design.

Chapter 23 of *Notes from the Metalevel* (Spectral Composition) contains a discussion of the author's award-winning musical composition "The Aeolian Harp", which recently won the Eric Siday Musical Creativity Award as the top composition submitted to the 2003 International Computer Music Conference. A score and recording of the work is also included on the accompanying CD.

Audience:

This book is of interest to Composers, Musicians, Audio Engineers and Computer Scientists

ISBN Hardback 90 265 1957 5, ISBN Paperback 90 265 1975 3, Expected May 2004

Price Hardback EUR 120.00 / US\$ 139.00 ²⁾ (PLEASE ADD POSTAGE¹⁾)

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