

Preface

Trained as a computer scientist, I have always been interested in music and musicology. Therefore I took the opportunity offered by PD Dr. Guerino Mazzola to work with his MusicMedia group, then a part of the MultiMedia Laboratory at the Department of Informatics of the University of Zurich, directed by Prof. Dr. Peter Stucki.

Thus, first and foremost, thanks go to Guerino Mazzola, who introduced me to mathematical musical theory, most of which I had never heard of before. He gave me the conviction of working at the forefront of music research and taught me the use of modern mathematical methods, such as category theory. He supervised my work with all the enthusiasm and competence one could wish for.

I would also like to thank the reviewers Prof. Dr. Bernd Enders of the University of Osnabrück and Prof. Dr. Renato Pajarola of the University of Zurich, who suggested improvements to this thesis.

The thesis could not have been accomplished without the backing by Prof. Dr. Pfeifer, whom I like to thank for his willingness to support it as the responsible member of the Faculty of Mathematics and Natural Sciences.

Finally, I have to thank the staff of the Department of Informatics for helping me with the tedious administrative tasks that a doctoral student and assistant has to manage.

Zurich,
November 2006

Gérard Milmeister

The Rubato Composer Music Software
Component-Based Implementation of a Functorial
Concept Architecture

Milmeister, G.

2009, XX, 301 p. 143 illus., Hardcover

ISBN: 978-3-642-00147-5