

Preface

The definition of success—To laugh much; to win respect of intelligent persons and the affections of children; to earn the approbation of honest critics and endure the betrayal of false friends; to appreciate beauty; to find the best in others; to give one's self; to leave the world a little better, whether by a healthy child, a garden patch, or a redeemed social condition; to have played and laughed with enthusiasm, and sung with exultation; to know even one life has breathed easier because you have lived—this is to have succeeded.

Ralph Waldo Emerson

The research work presented in this book has been carried out at the Department of Signal Processing of Tampere University of Technology, Finland as a part of the MUVIS project. This book contains a rich software compilation of C/C++ projects with open source codes, which can be requested from the authors via the email address: MDPSO@email.com.

Over the years the authors have had the privilege to work with a wonderful group of researchers, students, and colleagues, many of whom are our friends. The amount of our achievements altogether is much more than any individual achievement and we strongly believe that together we have really built something significant. We thank all of them so deeply. Our special thanks and acknowledgment go to Jenni Raitoharju and Stefan Uhlmann for their essential contributions.

Last but not least, the authors wish to express their love and gratitude to their beloved families; for their understanding and endless love, and the vital role they played in our lives and through the completion of this book. We would like to dedicate this book to our children: the new-born baby girl, Alya Nickole Kiranyaz, the baby boy, Doruk Ince, Selma, and Sami Gabbouj.

Tampere, December 2012

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