

# Preface

This book is the result of over twenty-five years of research on high-gain observers in nonlinear feedback control. Most of the results of the book were generated by my research team at Michigan State University. I am indebted to my students and collaborators who worked with me on these problems. I am also indebted to many colleagues whose work on high-gain observers motivated many of our results. I am grateful to Michigan State University for an environment that allowed me to write the book and to the National Science Foundation for supporting my research.

The book was typeset using  $\text{\LaTeX}$ . Computations were done using MATLAB and Simulink. The figures were generated using MATLAB or the graphics tool of  $\text{\LaTeX}$ .

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