

# Colophon: Notes on Typesetting

These notes apply only to the print version of this book and to electronic versions that are exact replicas of the print version.

- This book was typeset in pdfL<sup>A</sup>T<sub>E</sub>X by the author, who wrote the L<sup>A</sup>T<sub>E</sub>X code to implement the book's design. The book was printed from the pdf file generated by pdfL<sup>A</sup>T<sub>E</sub>X.
- The main text font is URW Palladio, which is a legal clone of Palatino, which was created by Hermann Zapf around 1948.
- The math fonts are various versions of URW Palladio, Pazo Math, and Computer Modern. Pazo Math was created by Diego Puga; Computer Modern was created by Donald Knuth.
- The san serif font used for chapter titles, section titles, and page numbers is NimbusSanL.
- The figures in the book were produced by *Mathematica*, using *Mathematica* code written by the author.
- The *Mathematica* package MaT<sub>E</sub>X, written by Szabolcs Horvát, was used to place L<sup>A</sup>T<sub>E</sub>X-generated labels in the *Mathematica* figures.
- The L<sup>A</sup>T<sub>E</sub>X package graphicx, written by David Carlisle and Sebastian Rahtz, was used to integrate photos and the figures produced by *Mathematica* into the manuscript.
- The L<sup>A</sup>T<sub>E</sub>X package mparhack, written by Tom Sgouros and Stefan Ulrich, was used to make marginal notes show up in the correct places.
- The L<sup>A</sup>T<sub>E</sub>X package multicol, written by Frank Mittelbach, was used to get around L<sup>A</sup>T<sub>E</sub>X's limitation that two-column format must start on a new page (needed when the Exercises do not start on a new page).
- The L<sup>A</sup>T<sub>E</sub>X packages TikZ, written by Till Tantau, and tcolorbox, written by Thomas Sturm, were used to produce the definition boxes, result boxes, learning objectives boxes, example label boxes, and chapter summary boxes.
- The L<sup>A</sup>T<sub>E</sub>X package color, written by David Carlisle, was used to add appropriate color to subsection titles, the lines before and after each example, and other design elements.
- The L<sup>A</sup>T<sub>E</sub>X package microtype, written by Robert Schlicht, was used to reduce hyphenation and produce more pleasing right justification.

*The Palatino font was named in honor of Giambattista Palatino, a sixteenth-century Italian calligrapher.*