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## Preface to the 1999 Updated Edition

In her Preface to the 1979 Revised Edition, Ellen Swanson mentioned dramatic changes that had taken place in typesetting since the original printing of *Mathematics into Type* in 1971. Now, twenty years later, so much more has changed in the world of publishing, not only in typesetting, but also in delivery of research to the mathematics community! Who would have imagined then the birth and rapid growth of publishing mathematics electronically?

The changes in typesetting and the eventual display of mathematics on the World Wide Web have been made possible in large part by the introduction of  $\text{T}_{\text{E}}\text{X}$  and its offspring,  $\text{L}^{\text{A}}\text{T}_{\text{E}}\text{X}$ , to the mathematics community. Authors have become intricately involved with the typesetting of their manuscripts, using all the features offered by  $\text{T}_{\text{E}}\text{X}$ . Many of these same author-prepared files are later converted to HTML files and other formats for display on the Web. For these reasons, authors will be increasingly interested in the material presented in this edition, as will be production editors, copy editors, proofreaders, and technical typists.

But even in the midst of all of these changes, some things remain timeless and as useful as ever. *Mathematics into Type* falls into this category, as evidenced by its continued sales throughout the years and the urging on by long-time users not to let it go out of print.

In this edition, we keep the information needed to do a thorough, traditional copyediting and proofreading of a manuscript and proof copy. We add to it some helpful information to reflect the more technical reality of publishing today. We continue the practice of referring to procedures used by the American Mathematical Society (AMS). Some sections of this book are geared toward authors; others are intended primarily for production staff. However, authors can benefit from reading these sections as well. The information presented in them will give authors insight into the complexity of the publication process and will help them to make choices when preparing their manuscripts. For those unfamiliar with some of the conventional publishing terms used, the glossary at the end of the book provides a clear explanation.

AMS staff contributing to this updated edition consider it an honor to bring Ellen's book into its next stage of usefulness to the mathematics community. The two editors were hired by Ellen Swanson and trained under her very effective style of mentoring. Others who made significant contributions in their areas of expertise are Barbara N. Beeton, Edward Dunne, Sergei Gelfand, Lori E. Nero, Rick Porter, Ralph Sizer, and Patricia Zinni.