A Bibliography of Publications about \TeX

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Abstract

This bibliography records books and articles on \TeX, METAFONT, \WEB, fonts, typography, indexing, and software related to these topics. ISBN and ISSN numbers are given, where available. A few troff-related items are included because of their strong overlap with \TeX issues.

Title word cross-reference

3 [Mil86b].

1992/93 [Sch93].

22nd [Mil86a]. 23rd [Mil85]. 24th [Mil84, Mil86a]. 25th [Mil85]. 26th [Mil84].

7th [Zla92].

8th [Nad90].

ABC [DE89]. ABC-XYZapf [DE89].

Actes [And83a]. adaptation [BB89].

Adapting [RS85]. Adobe [Ado90].


Alphabetic [RS85]. American [Ano84].

amont [FPR84]. AMS [Ano90b, KZ89].

Analysis [DM91]. Analytical [And83b].

Anatomy [Law90]. Animation [Hay77].

Anleitung [WKS+93a, WKS+93b].

Annotated [SS91]. Anwender [Sch91b].


Arabic [Mac]. Arbeitsheft [WKS+93a].
archive [KW90]. Aren’t [Sch88a]. Art
[Abi88, Bai70, Bai90, SP92, TW87]. Article
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[DM91]. Arts [Arn72]. Aspects [vdVM88].
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[Ano87, Swa86, Kel85]. Automating
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Factors [BM89]. Families [MF87b]. Family [BH86, Bee87, Knu80b, MF86a, MF87a, MF86b]. Faster [IM86a]. Features [Ano90b]. few [JHR88]. Feynmann [Lev90]. Fifty [DE89]. File [Wal87a, Knu82c]. First [Luc85b, Mii84, Sam83]. Font [Ado90, Eng87, Knu81, Ada91, Dea92, GC88, FK82, HGS83, Knu82b]. Fonts [vB93c, Gru93c, Kar92, Knu90a, WH76, vB92c, GC88, Gun85, Knu90b, MF86a, MF87a, MF86b, MF87b]. Fonttechnology [Kar94]. Form [Tsc91b, Ika83]. Formal [GB83]. Format [Ado90, Ric78]. Formate [Kar92]. Formats [Kar87, Kar92, Wal87a].


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[Bec91a] Claudio Beccari. \LaTeX—Guida a un sistema di editoria elettronica. Editore Ulrico Hoepli, Ulrico Hoepli Editore S.p.A., via Hoepli 5, 20121 Milano, Italy, 1991. ISBN 88-203-1931-4. ix + 399 pp. [From the author]: The book is the first and only one in Italian at this moment [18-Nov-1991]. Although it contains an introductory chapter for the beginner, its main purpose is to give the reader advanced information on \LaTeX (and partially on \TeX) in order to prepare sophisticated macros, style files, and to make a clever use of fonts. Here is a reduced table of contents (translated to English): Chapter 1 - Introduction

2 - Introductory \LaTeX
3 - General commands for text mode
4 - Mathematical commands
5 - Environments
6 - Figures and tables
7 - Macros
8 - Typical documents and style files
9 - Fonts

Appendix A - \TeX Users Group
B - Keyboards
C - Font tables
D - Hyphenation patterns for Italian

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The publisher received camera-
ready pages that were prepared by the author with a 300-dpi laser printer. The page style dimensions were suitably enlarged while the photo plates were reduced so as to minimize the granulosity of the signs. In practice the book was prepared with 12pt option and reduced by the photographic ratio of 0.8 so that the final real font size is 9.6pt. The whole book was prepared with the standard Computer Roman fonts on purpose in order to show the potential user what he can get with a standard \texttt{tex} kit. The simple pictures were prepared with the “picture” environment. The cover and the title page were designed by a graphic expert of the publishing company.

Claudio Beccari. \textit{La tesi di laurea scientifica—Con note per la composizione in \LaTeX{}—disco MS-DOS da 5.25in contenente macroistruzioni di stile}. Editori Ulrico Hoepli, Ulrico Hoepli Editore S.p.A., via Hoepli 5, 20121 Milano, Italy, 1991. ISBN 88-203-1932-2. vii + 116 pp. The book was typeset by the author and printed with a laser printer having a resolution of 300 dpi. The pages were then photographically reduced by a factor of 0.8 to the final size. The fonts used are those of the standard \texttt{tex} set, that is Computer Modern, with a default normal size of 12pt that the photographic reduction made equivalent to approximately 10pt. The book is a set of instructions for the preparation of the thesis (Master and PhD levels) according to the Italian State Universities regulations; it deals mostly with literary style but it also includes extensive tables of scientific symbols and nomenclature and many references to Standards regulations. The final chapter deal with the typesetting of the thesis with a \LaTeX{} style, \texttt{TOPTESI}, whose source is recorded in a floppy disk that comes with the book.

Nelson H. F. Beebe. \textit{A \TeX{} DVI Driver Family — (Revision 2.07)}. University of Utah, Salt Lake City, UT 84112, USA, April 1987.


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[Bor92a] Arvind Borde. \TeX by Example. Academic Press, New York, NY, USA, 1992. ISBN 0-12-117650-9. xiv + 169 pp. LCCN Z253.4.T47 B67 1992. This book was designed by the author, with some assistance from the production department of Academic Press, Boston. The covers were done by the publisher. It was typeset by the author using Plain \TeX plus specially written macros. The code for all macros used for the book are reproduced in it so that the book itself contains all the information—page layout specifications, fonts used, and so on—about its own typesetting. Over half the book consists of \TeX input and output shown side-by-side, providing an explicit example of how a part of the book was typeset. The Academic Press logo on page iii, the cataloging-in-publication data on page iv, and the diagrams on page 33 were pasted in place by the production department of Academic Press. The diagrams were drawn using \LaTeX. Sample printouts of pages were made on various laser printers. When everything seemed satisfactory, the dvi files were copied onto IBM diskettes and were mailed to Academic Press, and from them to the American Mathematical Society. The final copy was produced by the A.M.S. using an APS micro-5 phototypesetter. All fonts used in the book are from the Computer Modern family. Parts of the covers of the book, inside and outside, were done in \TeX by the author (the code for this is not included in the book). The outside cover was designed by Camille Pecoul of Academic Press and produced at Allison Associates in Boston. The font used for the title (on the covers) is Meridien. The background pattern was obtained by shooting a handmade marble paper as a black-and-white halftone and then overprinting with the Pantone Matching System (PMS). The placement of material on the cover was done by hand by Ms. Pecoul using a mechanical board. The drop shadow effect was done at Allison Associates.


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summaries of \LaTeX symbols and Emacs commands, addresses of mathematical societies, and a list of papers that have won expository writing prizes. This book is ideal for graduate students and teachers. Among its special features:

- Detail and extensive use of examples make it an excellent teaching tool
- Discusses \TeX and other software tools for preparing publications
- Thorough treatment, with examples, of how to write slides (transparencies) for a mathematical talk.
- Comprehensive index and extensive bibliography make it an excellent reference
- Readable for everyone in the field—from undergraduates to seasoned professionals

Contents
Preface;
Chapter 1: General Principles;
Chapter 2: Writer’s Tools and Recommended Reading;
Chapter 3: Mathematical Writing;
Chapter 4: English Usage;
Chapter 5: When English is a Foreign Language;
Chapter 6: Writing a Paper;
Chapter 7: Revising a Draft;
Chapter 8: Publishing a Paper;
Chapter 9: Writing a Talk;
Chapter 10: Computer Aids for Writing and Research;
Appendix A: The Greek Alphabet;
Appendix B: Summary of \TeX and \LaTeX Symbols;
Appendix C: GNU Emacs—The Sixty+ Most Useful Commands;
Appendix D: Mathematical Organizations in the UK and USA;
Appendix E: Winners of Prizes for Expository Writing;
Appendix F: Glossary;
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Nicholas J. Higham is a Reader in Mathematics at the University of Manchester, UK. He is the author of more than 40 publications and is a member of the editorial board of the SIAM Journal on Matrix Analysis and Applications.


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