About this document

The following pages are duplications of the section “New Publications”, found in each issue of \TeX\ and \textit{TUG NEWS}, the quarterly newsletter of the \TeX\ Users Group.

The listings are augmented by margin notes indicating reviews which have subsequently appeared in \textit{TUGboat}, TUG’s quarterly journal.

At the end are two pages listing books which had been reviewed in \textit{TUGboat} before TTN began, as well as a listing of books on \TeX\ in Russian (which originally appeared in TTN 3.4:5.

Updates of this file (\texttt{ttnpubs}) are posted to CTAN on a regular basis:

\verbatim\texttt{\tex-archive/digests/ttn}\verbatim

Christina Thiele
Editor, TTN
- The book is the first and only one in Italian at this moment. 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 clever use of fonts.

- This book teaches entirely by example. Input and output are shown side-by-side, allowing users to spot quickly how to get symbols, how to obtain italics, how to use bold type, how to start new paragraphs, and so on. The alphabetic appendix is both an index and a glossary, which systematically lists all commonly used features of \TeX{}.

- \TeX{} by Topic is a systematic reference manual designed as a companion to tutorial guides about \TeX{}.
- Not for the novice, it is meant for users with a basic understanding of \TeX{} who have specific questions, or who are keen to explore the full potential of this unique computer typesetting system.

- \LaTeX{} for Everyone is a tutorial as well as a reference guide. Written with the beginning user in mind, it is designed to be easy to read and understand, and contains examples of all the basic commands. The experienced \LaTeX{} user, however, will also find this book to be a valuable reference tool.

- Seroul and Levy’s book is an excellent beginner’s text. It is meant for careful reading, in which case it gives a surprising amount of detail. The book also has a reference section. This is an expanded translation of Seroul’s book, Le petit Livre de \TeX{} (Paris: InterEditions, 1989).
New Publications (TTN 1,2)


- The volume gathers together the communications presented at the colloquium on Desktop Publishing in Astronomy and Space Sciences, held in Strasbourg, France, 1–3 October 1991, at the Louis Pasteur University.


- This book is a carefully paced, tutorial introduction for people first learning the [TeX] system. Special emphasis is given to what can go wrong, and how to fix it when it does. Is \TeX notes are provided for use with a set of macros.

Latest issues of other \TeX newsletters

Les Cahiers GUTenberg: no. 12, décembre 1991, 85pp. ISSN 1140-9304. Official publication of GUTenberg, Groupe francophone des Utilisateurs de \TeX.

MAPS: Issue 92.1, May 1992, 162pp. Official publication of NTG, Nederlandstalige \TeX Gebruikersgroep (MAPS = “Minutes and APendiceS”). Two issues per year. Contact: ntg@hearn.bitnet.

\TeXbulletin: no. 1, 1992, 48pp. Official newsletter (in Czech and Slovak) of CsTUG. Previous 4 issues in 1991 appeared without numbering. Four issues per year. Contacts: Karel Horak horak@csearn.bitnet, Jiří Veselý jvesely@cspguk11.bitnet, or Jiří Zlatuska zlatuska@cspuni12.bitnet.

\TeXline: issue 14, February 1992, 28pp. Contact Malcolm Clark for details malcolmc@sun.pcl.ac.uk.

Die \TeXnische Komödie: vol. 4, no. 1, mai 1992, 68pp. Official newsletter of DANTE, Deutschsprachige Anwendervereinigung \TeX e.V. Four issues per year. Contact: dante@dhdurz1.bitnet or dante@vm. urz.uni-heidelberg.de.

Note: For more information on the various user groups, consult pp. 119–125 in TUG’s 1991 Resource Directory.
New Publications (TTN 1,3)


- Copies can be ordered directly from CsTUG for the price of DM 30.– plus postage (or the equivalent in some other currency) at the following address: Československé sdružení uživatelů \TeX{} (CsTUG), Matematický ústav UK, Sokolovská 83, CS-186 00 Praha 8, Czechoslovakia. They may also be available through your local \TeX{} users group.¹

Stephan von Bechtolsheim. \TeX{} in Practice. New York: Springer Verlag, TUGboat 15, 1; Oct. 1992. 4-volume set (hardcover), US$169.00. ISBN 0-387-97296-X. Volumes also available individually, US$49.00 each:

- “A recent surge of good \TeX{} implementations for PCs has put \TeX{} on the disks of many people including writers, designers, desktop publishers, and engineers. With such increased interest in \TeX{}, there is a need for good \TeX{} books. \TeX{} in Practice is the ideal reference and guide for the \TeX{} community. The four-volume set is written by an acknowledged expert in the field and addresses the needs of the \TeX{} novice to the more experienced ‘\TeX{}pert.’ The book provides step-by-step introduction to the various functions of \TeX{} with many relevant examples.”


- Can be obtained from: Vogel Verlag, Postfach 67 40, D-8700 Würzburg, Germany.

Latest issues of other \TeX{} newsletters

Les Cahiers GUTenberg: no. 13 juin 1992, 90pp. ISSN 1140-9304.

¹The Table of Contents of the Proceedings appears on p. 28 of this issue, and a short report on the conference by Alan Hoenig appears on pp. 22–23.
New Publications (TTN 1,4)


- This book provides a well-structured and readable introduction to \LaTeX in combination with the `german.sty` option.


- “This book is for the mathematician, engineer, or scientist who wants to write and typeset articles with mathematical formulas but who does not want to spend a great deal of time learning how to do it. It assumes little familiarity with \TeX or \LaTeX.” [From promotional material]


Michaela Lichá and Oldřich Ulrych. *\AMS-\TeX verze 2.1.* Prague: Czechoslovak \TeX Users Group, 1992. Pp. 80 [In Czech]

- “This publication provides a short (but complete) tour through \AMS-\TeX 2.1 together with `amspt.sty` 2.1. Almost all features are demonstrated with a lot of examples. The book is organized in such a way that it is useful for novices (basic textbook), and for advanced users (quick reference guide) as well. Contains a table of all symbols.” [Info. from authors]

Latest issues of other \TeX newsletters


*Die \TeXnische Komödie*: vol. 4, no. 2, August 1992, 64pp. Official newsletter of DANTE, Deutschsprachige Anwendervereinigung \TeX e.V.


*\TeXbulletin*: no. 2, 1992, 48pp; no. 3, 1992, 64pp. Official newsletter of CsTUG.\cite{Re: TTN 1.3 notice on the Prague Proceedings: Jiří Zlatuska of CsTUG asks that orders for the publication include a shipping and handling charge: $5 for surface mail, $10 for airmail in addition to the 30,- DM cost. –Ed.}


\footnote{Re: TTN 1.3 notice on the Prague Proceedings: Jiří Zlatuska of CsTUG asks that orders for the publication include a shipping and handling charge: $5 for surface mail, $10 for airmail in addition to the 30,- DM cost. –Ed.}
New Publications (TTN 2,1)


- ‘Literate Programming’ (using the WEB system) was developed by Knuth and used to write \TeX and its documentation. This book is a collection of previously published articles and extracts from books, together with additional references and some other new material. In particular, it contains the papers “The Errors of \TeX” and the “Error Log for \TeX, 1978–91”.


- “A guide to plain \TeX (and \VTEX), intended for scientists, etc., and support staff who prepare technical texts and documents. It covers all basic topics for understanding the \TeX user environment, including fonts and characters, formatting, math mode, macros, terminal and file operations, tables, foreign language capabilities (including Cyrillic), indices, references, tables of contents, scalable typefaces, and graphics. A PC-compatible disk containing examples, extra typefaces, and a ready-to-run restricted […] version of \TeX is included.” [adapted from promotional material]


- “A handbook to the \LaTeX text processing system, this easy-to-follow guide teaches all users how to produce a wide variety of documents — from business letters to technical reports. The book offers ready-to-use templates for producing articles, reports, letters and more; explains how to quickly generate tables of contents, indices and bibliographies; and includes many practical examples, an appendix of mathematical symbols and a complete glossary of typesetting terms.” [adapted from promotional material]


*Note*: This item was already listed in the last issue. This entry adds the bibliographic data of the co-publisher.

Latest issues of other \TeX newsletters

*Die \TeXnishe Komödie*: vol. 4, no. 3, November 1992, 56pp (DANTE).
New Publications (TTN 2,2)


- “This primer introduces plain \TeX, and aims to help the reader get started. It explains why \TeX approaches its subject in the way it does, and provides the context into which it fits. Another thread is the emphasis placed on document structure. Stress is also laid on practical work. The book is aimed at scientists and researchers preparing their own books and papers, or technical typists used to the conventions and jargon of their field.” [adapted from the publisher’s description]


- “This concise, straightforward text covers all basic topics of equation typesetting, and some advanced topics: how to automatically generate a table of contents, and indices; how to make text flow around a graphic; how to add more fonts; how to change fonts in math mode (for titles, etc.). In an appendix differences between \TeX, \LaTeX and \AMS-\TeX are discussed.” [adapted from promotional material]


- Preface by Enn Saar. [Further description on p. 18.] Appendix A is a translation into Estonian of First Grade \TeX, by Arthur Samuel.


- This is neither a tutorial nor a textbook on METAFONT. It is a reference tool, and consists mainly of listings with short descriptions, in particular of the basic METAFONT commands, the macros of cmbase, and the parameters used to define the CM fonts.

Latest issues of other \TeX newsletters


New Publications (TTN 2,3)

- This book is based on two well-known German books by Helmut Kopka: \LaTeX{} — *Eine Einführung*, and \LaTeX{} — Erweiterungsmöglichkeiten.


- This is the third (expanded) edition of a concise German \LaTeX{} reference (previous editions 1987 and 1988). The main addition is a section on german.sty, which is widely used in German-speaking countries.

Electronic Publications

Hubert Partl, Elis. Schlegl and Irene Hyna. *Una Descripción de \LaTeX*.
- Spanish translation by Tomas Bautista of well-known German introduction to \LaTeX{}, \LaTeX{}-Kurzbeschreibung. Includes material on the spanish style option. Available in Spain from ftp.eunet.es (also known as goya.uu.es) in the directory info/unix/text/Tex/spanish/tutorial/, as well as from the main \TeX{} archives.

Latest issues of other \TeX{} newsletters

No. 15, avril 1993, 61pp. ISSN 1140-9304.

- First issue of the newsletter GUST from the Polish user group Grupa Użytkowników Systemu \TeX{}. Editors are: Włodek Bzyl and Tomasz Przechlewski. Address is: Instytut Matematyki UG, Wita Stwosza 56, 80-952 Gdańsk. E-mail: matwb@halina.univ.gda.pl.

*MAPs*: Issue 93.1, 1993, 233pp. [Dutch-speaking user group, NTG publication].
New Publications (TTN 2,4)


- This small booklet documents the \TeXHelp program for IBM PC and compatible microcomputers.


- As the title suggests, this book is an introduction to \TeX by means of examples. They almost entirely consist of pairs of pages: one contains some piece of \TeX code (with explanations and comments added via footnotes), while the other shows the output produced by this code.


- This book is intended for all authors of technical papers (and books) or talks, and covers virtually all relevant issues. The author discusses questions of style as well as practical matters. The use of computers in the publishing process — including \TeX, of course — is discussed in detail. An appendix contains a list of \TeX and \LaTeX symbols. Among the various useful materials are hints for Internet use and an extensive bibliography.


Newsletters

\textit{GUST}: Zeszyt 2 (1993), 42pp. Official newsletter of the Polish User Group, Grupa Użytkowników Systemu \TeX.


- “A book designed for the complete newcomer to \TeX. [It] begins with simple exercises on typesetting text and slowly advances into more complex problems such as different types of mathematical constructions and tables. The book presents a comprehensive overview of \TeX with various tables included for quick reference. Readers will learn how to write standard papers of modest complexity with \TeX and obtain the fundamental basis for learning more complex typesetting functions.” [from promotion material]


- This book describes the main features of the \LaTeX format. It is intended for beginners, but it can be interesting for initiated users, too. The book is divided into six chapters (here called lessons) and three appendices. Lesson one introduces many topics by discussing a complete example of a source file. [There exists an erratum file at —ftp.math.utah.edu— in —pub/tex/errata— named —p-ortegon-gallego.ltx—.] [from a description by the author]


Peter Scherber, ed. *Offizin. Schriftenreihe zu \TeX*, \LaTeX, und METAFONT, Band 1. Published by DANTE e.V. Addison-Wesley Deutschland, 1994. ca. 190pp (hardcover). DM 49.90. ISBN 3-89319-396-0.

- This is intended as the first volume in a series of yearbooks published by DANTE e.V, the German-speaking \TeX users group. It has been announced for a long time and is available now.

• As a special feature this book contains its own (verbatim) source code as an appendix.


• This is the proceedings volume on *EP92. Electronic Publishing '92. International Conference on Electronic Publishing, Document Manipulation, and Typography* (Swiss Federal Institute of Technology, Lausanne, Switzerland, April 7–10, 1992). Five of the twenty-one papers deal with topics closely connected with \TeX (see Articles section, below).

**Articles**


• This article (by a member of the German Springer branch) describes the use of \TeX in the publishing process at Springer.


• The topics discussed in this article include PICTeX and Oz\TeX.

**Richard Morin.** “Tangled up in \TeX.” *SunExpert Magazine* vol. 4, no. 10 (October 1993), 42–46.

• A brief review of \TeX support, including the Comprehensive \TeX Archive Network (CTAN), the \TeX Users Group, and several books on \TeX.


Newsletters


- The editor, Sebastian Rahtz, announces that *Baskerville* will appear six times a year.


- This issue contains the proceedings of the Fourteenth Annual Meeting, Aston University, Birmingham, England, July 26–30, 1993.


[Note: There was a misprint in the last digit of the ISBN for Christian Rolland’s book, listed in TTN 2,4:3. The correct number is ISBN 2-87908-025-8. –PS]
New Publications (TTN 3,2)


- This is a translation (by Gaia and Guido Franchi) of the well-known introduction, amplified by material relevant to the Italian language.


- This book is based on \LaTeX2e, the new version of \LaTeX which is currently available in its betatest release. It explains tools and techniques that enhance the use of \LaTeX and help format documents more quickly and more efficiently. Topics treated include customizing commands and environments, changing page layout, preparing indices and bibliographies, and the New Font Selection Scheme (NFSS), as well as using PostScript fonts and PostScript images. [adapted from promotional material]


- The new edition of Kopka’s well-know (German) books on \LaTeX (also available in a partial English translation) includes \LaTeX2e and will comprise three (instead of two) volumes. The first volume is already available.


- There are many books on \TeX and \LaTeX, but so far (it seems) no book has been devoted to the \TeX system as a whole, i.e., all the software, tools, and macros that are available and can be used when working with \TeX. This book tries to fill the gap and provides a comprehensive guide to the world of \TeX. It discusses the various implementations of \TeX on all common platforms and how to obtain them, presents the major macro packages, discusses the installation and the use of fonts (including PostScript and TrueType fonts), and the inclusion of graphics as well as the preparation of indices and bibliographies. It will certainly be a valuable source of information, in particular, for all those \TeX users who lack net access.

Articles

• “In this article I will review two integrated \TeX{} implementations. Textures, the classical implementation on the Macintosh (in its modern variant, Lightning Textures), and the brand new PCT\TeX{} for Windows for IBM compatible computers. I shall also review Scientific Word, a \TeX{} preprocessor.” [from the introduction]

Allyn Jackson. “What’s Happening: New Publication Takes the AMS in New Directions.” Notices of the AMS, vol. 41, no. 6 (July/August 1994), 626–627

• This article presents the concepts of a new publication. The following is an excerpt from the production remarks: “Though the design is certainly more complex than the Society’s other $\TeX$ documents, $\TeX$ was chosen over a what-you-see-is-what-you-get desktop publishing program for its superior typographic quality. (A few small sections of the book were produced using a desktop publishing program but the output was manipulated and massaged by hand to make it look as good as the $\TeX$ output.)”

Tom Scavo, Yannis Haralambous, and Werenfried Spit. “$\TeX$ on the Macintosh.” Notices of the AMS, vol. 40, no. 10 (December 1993), 1353–1360

• “There are currently four implementations of $\TeX$ available for the Macintosh family of computers: CMac$\TeX$, Direct$\TeX$, Oz$\TeX$, and Textures. The latter is a well-known commercial product which won’t be reviewed here; the others are either freeware or shareware and are the focus of this report.” [from the introduction]

Newsletters


- This is a manual to \texttt{e\LaTeX}, an Ethiopian-based version of \LaTeX.


- For all those interested (or forced) to use PostScript fonts this directory provides a comprehensive collection of font samples from the font libraries of Adobe, Monotype, Linotype, and Agfa. Each font is represented by a full-page profile including the character set, a brief history, and hints for recommended usage. It includes an introduction on PostScript fonts.


- This new edition of the official \LaTeX manual describes \LaTeXe. It is announced to be available soon.

Articles


- “The MG Mathematical Graphics System creates and displays two- and three-dimensional mathematical graphics on an MS-DOS-based personal computer and produces high-quality PostScript output. The developers, R.B. Israel and R.A. Adams, […] primarily designed the relatively small program to assist authors to create graphs to include in \TeX-typeset documents. It is available from MG Software, 4223 West Ninth Avenue, Vancouver, B.C., Canada V6R 2C6.” [from the introduction of this review]

Heinz Werntges. “Grafik-Import in \LaTeX” [Importing graphics under \LaTeX]. \textit{c’t} 12/92, 252–258.

- This survey article (in the German computer magazine, \textit{c’t}) discusses the various possibilities for including graphics into \LaTeX documents. It has since been reprinted (slightly updated) in \textit{Die \TeX;nische Komödie}, vol. 5, no. 2 (1993), 38–53.
Newsletters


Les Cahiers GUTenberg: No. 16, février 1994, 82pp. ISSN 1140-9304. [Thematic issue: PSTricks et Seminar.]


MAPs: Issue 94.1, 1994, 178pp. [Dutch-speaking user group, NTG publication.]

New Publications (TTN 3,4)

Luzia Dietsche and Joachim Lammarsch. \LaTeX{} zum Loslegen — Ein So-forthelfer für den Alltag [\LaTeX{}, ready to start — Instant help for every day].


- This is an introduction to \LaTeX{} (2.09) based on courses which are held regularly by the authors.

Friedhelm Sowa. \TeX{}, \LaTeX{} und Graphik — ein Überblick über die Verfahren [\TeX{}, \LaTeX{} and graphics — a survey of the methods].


- This book (by the author of \texttt{BM2FONT}) is probably the first book (in any language) devoted to the inclusion of graphics into \TeX{} documents. It treats macro packages producing pictures, the inclusion of bitmap graphics (\texttt{BM2FONT}) and vector graphics (\texttt{hp2xx}), and the inclusion of graphics by dvi drivers (in particular, PostScript by \texttt{dvips}).

Articles

George Grätzer. “Advances in \TeX{} Implementations. III. A New Version of \LaTeX{}, Finally.” \textit{Notices of the American Mathematical Society}, vol. 41, no. 6 (July/August 1994), 611–615.

- This is a short introduction to, and a first review of, \LaTeX{}2e.

Newsletters


MAPs: Issue 94.2, 1994, 232pp. [Dutch-speaking user group, NTG publication.]


Other books


- “*TEX for the Impatient* addresses the practical demands of busy people who have discovered the unmatched benefits of *TEX*, but whose time and interest in mastering all its intricacies may be limited . . . anyone . . . who needs a quick reference guide to *TEX*.”


Norbert Schwartz. *Introduction to TeX*. Reading, Mass.: Addison-Wesley, 1990. 278 pp (paper). [Based on 2nd ed. of German original *Einführung in TeX*.]

Russian books about $\TeX$\textsuperscript{1}


   The translator is Irina Makhovaya, the editor of the Russian version is Andrei Khodulev. This is the first book about $\TeX$ in Russian (7,000 copies).

2. Donald Knuth, *Vsio pro $\TeX$*. Protvino: AO Rdi$\TeX$, 1993, 575pp. [Russian translation of *The $\TeX$book* by Donald E. Knuth.]

   The translator is Marina Lisina; the editors of the Russian version are Stanislav Klimenko and Sergei Sokolov. This book was published almost simultaneously with the Spivak book. The translation was very hard work and successful (10,000 copies).


   The first Russian book about $\TeX$ that was written by Russians (7,000 copies).


   This small manual talks about working with $\TeX$ on IBM PC compatible computers (not about PCT$\TeX$!) (300 copies).


   This manual is a short introduction to $L\TeX$ 2.09, with some material added about the Russian version *CyrTUG-em$\TeX$*; it also contains a glossary of $L\TeX$ control sequences, etc. (1,000 copies).


   The first complete description of $L\TeX$ 2.09 in Russian (5,000 copies).

\textsuperscript{1}NOTE: These books were listed in TTN 3,3:5.

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