TEX CONSULTING & PRODUCTION SERVICES

North America

Abrahams, Paul

214 River Road, Deerfield, MA 01342; (413) 774-5500

Development of TEX macros and macro packages. Short courses in TEX. Editing assistance for authors of technical articles, particularly those whose native language is not English My background includes programming, computer science, mathematics, and authorship of *TEX for the Impatient.*

American Mathematical Society

P. O. Box 6248, Providence, RI 02940; (401) 455-4060

Typesetting from DVI files on an Autologic APS Micro-5 or an Agfa Compugraphic 9600 (PostScript). Times Roman and Computer Modern fonts. Composition services for mathematical and technical books and journal production.

Anagnostopoulos, Paul C.

433 Rutland Street, Carlisle, MA 01741; (508) 371-2316

Composition and typesetting of high-quality books and technical documents. Production using Computer Modern or any available PostScript fonts. Assistance with book design. I am a computer consultant with a Computer Science education.

ArborText, Inc.

1000 Victors Way, Suite 400, Ann Arbor, MI 48108; (313) 996-3566

TEX installation and applications support. TEX-related software products.

Archetype Publishing, Inc., Lori McWilliam Pickert

P. O. Box 6567, Champaign, IL 61821; (217) 359-8178

Experienced in producing and editing technical journals with TEX; complete book production from manuscript to camera-ready copy; TEX macro writing including complete macro packages; consulting.

The Bartlett Press, Inc., Frederick H. Bartlett

Harrison Towers, 6F, 575 Easton Avenue, Somerset, NJ 08873; (201) 745-9412

Vast experience: 100+ macro packages, over 30,000 pages published with our macros; over a decade's experience in all facets of publishing, both TEX and non-TEX; all services from copyediting and design to final mechanicals.

Cowan, Dr. Ray F.

141 Del Medio Ave. #134, Mountain View, CA 94040; (415) 949-4911

Ten Years of TEX and Related Software Consulting, Books, Documentation, Journals, and Newsletters. TEX & LATEX macropackages, graphics; PostScript language applications; device drivers; fonts; systems.

Electronic Technical Publishing Services Co.

2906 Northeast Glisan Street, Portland, Oregon 97232-3295;

(503) 234-5522; FAX: (503) 234-5604

Total concept services include editorial, design, illustration, project management, composition and prepress. Our years of experience with TEX and other electronic tools have brought us the expertise to work effectively with publishers, editors, and authors. ETP supports the efforts of the TEX Users Group and the world-wide TEX community in the advancement of superior technical communications.

NAR Associates

817 Holly Drive E. Rt. 10, Annapolis, MD 21401; (410) 757-5724

Extensive long term experience in TEX book publishing with major publishers, working with authors or publishers to turn electronic copy into attractive books. We offer complete free lance production services, including design, copy editing, art sizing and layout, typesetting and repro production. We specialize in engineering, science, computers, computer graphics, aviation and medicine.

Ogawa, Arthur

1101 San Antonio Road, Suite 413, Mountain View, CA 94043-1002; (415) 691-1126; ogawa@applelink.apple.com.

Specialist in fine typography, LATEX book production systems, database publishing, and SGML. Programming services in TEX, LATEX, PostScript, SGML, DTDs, and general applications. Instruction in TEX, LATEX, and SGML. Custom fonts.

Pronk&Associates Inc.

1129 Leslie Street, Don Mills, Ontario, Canada M3C 2K5;

(416) 441-3760; Fax: (416) 441-9991

Complete design and production service. One, two and four-color books. Combine text, art and photography, then output directly to imposed film. Servicing the publishing community for ten years.

Quixote Digital Typography, Don Hosek

349 Springfield, #24, Claremont, CA 91711; (714) 621-1291

Complete line of TEX, LATEX, and METAFONT services including custom LATEX style files, complete book production from manuscript to camera-ready copy; custom font and logo design; installation of customized TEX environments; phone consulting service; database applications and more. Call for a free estimate.

Richert, Norman

1614 Loch Lake Drive, El Lago, TX 77586; (713) 326-2583

TEX macro consulting.

TEXnology, Inc., Amy Hendrickson

57 Longwood Ave., Brookline, MA 02146; (617) 738-8029

TEX macro writing (author of MacroTEX); custom macros to meet publisher's or designer's specifications; instruction.

Type 2000

16 Madrona Avenue, Mill Valley, CA 94941;

(415) 388-8873; FAX (415) 388-8865

$2.50 per page for 2000 DPI TEX camera ready output! We have a three year history of providing high quality and fast turnaround to dozens of publishers, journals, authors and consultants who use TEX. Computer Modern, Bitstream and METAFONT fonts available. We accept DVI files only and output on RC paper. $2.25 per page for 100+ pages, $2.00 per page for 500+ pages.

Outside North America

TypoTEX Ltd.

Electronical Publishing, Battyány u. 14. Budapest, Hungary H-1015; (036) 11152 337

Editing and typesetting technical journals and books with TEX from manuscript to camera ready copy. Macro writing, font designing, TEX consulting and teaching.

Information about these services can be obtained from:

TEX Users Group
P. O. Box 869
Santa Barbara, CA 93102-0869
Phone: (805) 963-1388
Fax: (805) 963-8538

LaCoD

A LaTeX Source Code Development System

«LaTeX-Commands»
«Array-&-Tabular»
«Boxes»
«Cross-References»
«Definitions»
«Document-&-Page-Styles»
«Environments»
«Figures-&-Tables»
«File-Input-Output»
«Fonts»
«footnotes»
«Index-&-Glossary»
«Length-Space-Rules»
«Line-Para-&-Page-Control»
«Lists»
«Math-Tools»
«Misc»
«Numbering»
«Pictures»
«Preamble»
«Sectioning»
«Sym
«Tab

«Index-&-Glossary»
«makeindex»
«makeglossary»
«index»
«indexentry»
«indexspace»
«glossary»
«glossaryentry»
BACKUP TO PREVIOUS SYMBOL

The LaTeX document preparation system has proven itself as a tremendous system for creating technical documents. It is a feature rich system that can produce documents to the highest standards of typography.

Unfortunately, even if you use it everyday, remembering how to use all those features is next to impossible.

The LaCoD system brings a new, more user friendly, face to the creation of LaTeX documents.

A Pop-Up command selector contains *all* LaTeX commands. You simply select a command and LaCoD will prompt you for all options and fill-in information. LaCoD then inserts the syntactically correct command, or environment, into your document.

When you need help, or examples for reference, place the cursor under *any* LaTeX command and request Hyper–Help. A Pop-Up screen will display proper command syntax and a complete example of its use. Many screens are cross-referenced by Hyper–Links to related commands and examples.

- **Pop-Up LaTeX Command Menu**
- **Pop-Up LaTeX Hyper–Help**
- **OS/2 and DOS Compatible**
- **10 Editing Windows**
- **Versatile Macro Capability**
- **Unlimited Undo**
- **Regular Expression Search**
- **Journaling w/playback**

tabular

```
\begin{tabular}{format}
  ... Row Material
\end{tabular}
The tabular environment is used for producing ruled tables.
It can be used in any mode and it processes text in LR mode.

The format scope defines the overall look of the table.
The following special characters are used to specify format:
  |               Defines a vertical line.
  l,c,r           Determines left, center or right text placement
  @{text}         Inserts text in every row.
  p{width}        Produce a parbox column of width units wide.
  *{num}{fmt}     Produce num columns with the same fmt spec.
                   Example: {|*{4}{c|}} produce a table of 4
                   centered columns each bounded by a vrule.

Controlling Row Material:
  &               Seperate row elements.
  \\              Defines the row seperator (aka. a carraige return).
  \hline          Draws a horizontal line across the full width
                  of the array. May only appear after a \\ or at the
                  end of the first line.
  \cline{i-j}     Draws a horizontal line across columns i
                  through j, inclusive.

See Also:
Tabular-Example-1
Tabular*

A single item that spans multiple columns is produced with
the \multicolumn command.
```

$65.00

Includes 2nd Day Priority Mail Shipping for U.S. customers. Shipping not included for international orders. However, international orders gladly expedited via Air or Express Mail.

30–Day Money Back Guarantee

EBTS PO BOX 642L Norfolk, MA 02056

TEL: 508-528-7728 FAX: 508-520-3272 email: ejb@world.std.com

TEX Publishing Services

From the Basic:
The American Mathematical Society offers you two basic, low cost TEX publishing services.

- You provide a DVI file and we will produce typeset pages using an Autologic APS Micro-5 phototypesetter. $5 per page for the first 100 pages; $2.50 per page for additional pages.
- You provide a PostScript output file and we will provide typeset pages using an Agfa/ Compugraphic 9600 imagesetter. $7 per page for the first 100 pages; $3.50 per page for additional pages.

There is a $30 minimum charge for either service. Quick turnaround is also provided... a manuscript up to 500 pages can be back in your hands in one week or less.

To the Complex:
As a full-service TEX publisher, you can look to the American Mathematical Society as a single source for any or all your publishing needs.

Macro-Writing	TEX Problem Solving	Non-CM Fonts	Keyboarding
Art and Pasteup	Camera Work	Printing and Binding	Distribution

For more information or to schedule a job, please contact Regina Girouard, American Mathematical Society, P. O. Box 6248, Providence, RI 02940, or call 401-455-4060.

NEW! NEW!

ARBORTEXT INC.

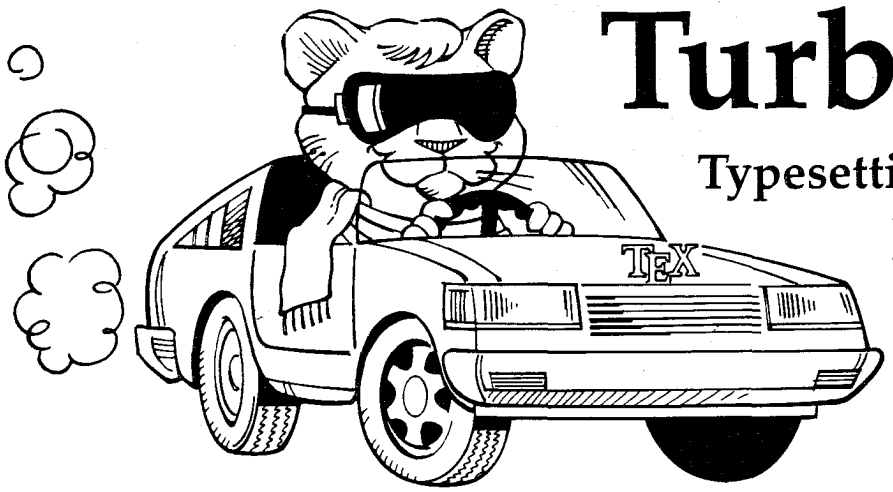
- Silicon Graphics Iris or Indigo
- Solaris 2.1
- DVILASER/HP3
- Motif and OPEN LOOK Preview

Complete TEX packages
Ready to use, fully documented and supported.

Also Available For: Sun-4 (SPARC), IBM RS/6000, DEC/RISC-Ultrix, HP 9000, and IBM PC's

Call us for more information on our exciting new products!

1000 Victors Way ▲ Suite 400 ▲ Ann Arbor, MI 48108 ▲ (313) 996–3566 ▲ FAX (313) 996–3573



TurboTEX

Typesetting Software

Executables $150
With Source $300

MICROSOFT® WINDOWS™ COMPATIBLE

THE MOST VERSATILE TEX ever published is breaking new ground in the powerful and convenient graphical environment of Microsoft Windows: TurboTEX Release 3.1E. TurboTEX runs on all the most popular operating systems (Windows, MS-DOS, OS/2, and UNIX) and provides the latest TEX 3.14 and METAFONT 2.7 standards and certifications: preloaded plain TEX, LATEX, AMS-TEX and AMS-LATEX, previewers for PC's and X-servers, METAFONT, Computer Modern and LATEX fonts, and printer drivers for HP LaserJet and DeskJet, PostScript, and Epson LQ and FX dot-matrix printers.

■ **Best-selling Value:** TurboTEX sets the world standard for power and value among TEX implementations: one price buys a complete, commercially-hardened typesetting system. *Computer* magazine recommended it as "the version of TEX to have," *IEEE Software* called it "industrial strength," and thousands of satisfied users around the globe agree.

TurboTEX gets you started quickly, installing itself automatically under MS-DOS or Microsoft Windows, and compiling itself automatically under UNIX. The 90-page User's Guide includes generous examples and a full index, and leads you step-by-step through installing and using TEX and METAFONT.

■ **Classic TEX for Windows.** Even if you have never used Windows on your PC, the speed and power of TurboTEX will convince you of the benefits. While the TEX command-line options and *TEXbook* interaction work the same, you also can control TEX using friendly icons, menus, and dialog boxes. Windows protected mode frees you from MS-DOS limitations like DOS extenders, overlay swapping, and scarce memory. You can run long TEX formatting or printing jobs in the background while using other programs in the foreground.

■ **MS-DOS Power, Too:** TurboTEX still includes the plain MS-DOS programs. Virtual memory simulation provides the same sized TEX that runs on multi-megabyte mainframes, with capacity for large documents, complicated formats, and demanding macro packages.

■ **Source Code:** The portable C source to TurboTEX consists of over 100,000 lines of generously commented TEX, TurboTEX, METAFONT, previewer, and printer driver source code, including: our WEB system in C; PASCHAL, our proprietary Pascal-to-C translator; Windows interface; and preloading, virtual memory, and graphics code, all meeting C portability standards like ANSI and K&R.

■ **Availability & Requirements:** TurboTEX executables for IBM PC's include the User's Guide and require 640K, hard disk, and MS-DOS 3.0 or later. Windows versions run on Microsoft Windows 3.0 or 3.1. Order source code (includes Programmer's Guide) for other machines. On the PC, source compiles with Microsoft C, Watcom C 8.0, or Borland C++ 2.0; other operating systems need a 32-bit C compiler supporting UNIX standard I/O. Specify 5-1/4" or 3-1/2" PC-format floppy disks.

■ **Upgrade at Low Cost.** If you have TurboTEX Release 3.0, upgrade to the latest version for just $40 (executables) or $80 (including source). Or, get either applicable upgrade free when you buy the AP-TEX fonts (see facing page) for $200!

■ **No-risk trial offer:** Examine the documentation and run the PC TurboTEX for 10 days. If you are not satisfied, return it for a 100% refund or credit. (*Offer applies to PC executables only.*)

■ **Free Buyer's Guide:** Ask for the free, 70-page Buyer's Guide for details on TurboTEX and dozens of TEX-related products: previewers, TEX-to-FAX and TEX-to-Ventura/Pagemaker translators, optional fonts, graphics editors, public domain TEX accessory software, books and reports.

Ordering TurboTEX

Ordering TurboTEX is easy and delivery is fast, by phone, FAX, or mail. Terms: Check with order (free media and ground shipping in US), VISA, Mastercard (free media, shipping extra); Net 30 to well-rated firms and public agencies (shipping and media extra). Discounts available for quantities or resale. International orders gladly expedited via Air or Express Mail.

The Kinch Computer Company
PUBLISHERS OF TURBOTEX
501 South Meadow Street
Ithaca, New York 14850 USA
Telephone (607) 273-0222
FAX (607) 273-0484

AP-TEX Fonts

TEX-compatible Bit-Mapped Fonts Identical to Adobe PostScript Typefaces

If you are hungry for new TEX fonts, here is a feast guaranteed to satisfy the biggest appetite! The AP-TEX fonts serve you a banquet of gourmet delights: 438 fonts covering 18 sizes of 35 styles, at a total price of $200. The AP-TEX fonts consist of PK and TFM files which are exact TEX-compatible equivalents (including "hinted" pixels) to the popular PostScript name-brand fonts shown at the right. Since they are directly compatible with any standard TEX implementation (including kerning and ligatures), you don't have to be a TEX expert to install or use them.

When ordering, specify resolution of 300 dpi (for laser printers), 180 dpi (for 24-pin dot matrix printers), or 118 dpi (for previewers). Each set is on ten 360 KB 5-1/4" PC floppy disks. The $200 price applies to the first set you order; order additional sets at other resolutions for $60 each. A 30-page user's guide fully explains how to install and use the fonts. Sizes included are 5, 6, 7, 8, 9, 10, 11, 12, 14.4, 17.3, 20.7, and 24.9 points; headline styles (equivalent to Times Roman, Helvetica, and Palatino, all in bold) also include sizes 29.9, 35.8, 43.0, 51.6, 61.9, and 74.3 points.

The Kinch Computer Company
PUBLISHERS OF TURBOTEX
501 South Meadow Street
Ithaca, New York 14850
Telephone (607) 273-0222
FAX (607) 273-0484

Helvetica, Palatino, Times, and New Century Schoolbook are trademarks of Allied Linotype Co. ITC Avant Garde, ITC Bookman, ITC Zapf Chancery, and ITC Zapf Dingbats are registered trademarks of International Typeface Corporation. PostScript is a registered trademark of Adobe Systems Incorporated. The owners of these trademarks and Adobe Systems, Inc. are not the authors, publishers, or licensors of the AP-TEX fonts. Kinch Computer Company is the sole author of the AP-TEX fonts, and has operated independently of the trademark owners and Adobe Systems, Inc. in publishing this software. Any reference in the AP-TEX font software or in this advertisement to these trademarks is solely for software compatibility or product comparison. LaserJet and DeskJet are trademarks of Hewlett-Packard Corporation. TEX is a trademark of the American Math Society. TurboTEX and AP-TEX are trademarks of Kinch Computer Company. Prices and specifications subject to change without notice. Revised October 9, 1990.

Avant Garde Bold
Avant Garde Bold Oblique
Avant Garde Demibold
Avant Garde Demibold Oblique
Bookman Light
Bookman Light Italic
Bookman Demibold
Bookman Demibold Italic
Courier
Courier Oblique
Courier Bold
Courier Bold Oblique
Helvetica
Helvetica Oblique
Helvetica Bold
Helvetica Bold Oblique
Helvetica Narrow
Helvetica Narrow Oblique
Helvetica Narrow Bold
Helvetica Narrow Bold Oblique
Schoolbook New Century Roman
Schoolbook New Century Italic
Schoolbook New Century Bold
Schoolbook New Century Bold Italic
Palatino Roman
Palatino Italic
Palatino Bold
Palatino Bold Italic
Times Roman
Times Italic
Times Bold
Times Bold Italic
Zapf Chancery Medium Italic
Symbol ΔΦΓϑΛΠΘ
Zapf Dingbats ✂☞❑

DVIWindo [newtugad.dvi] page: 1

File Preferences Previous! Next! Unmagnify! Magnify! Fonts

Bitmap-free TEX for Windows

Powerful, fast, flexible TEX system for Windows

TeX Package

Y&Y TEX Package includes:

- DVIWindo
- DVIPSONE
- Y&Y big TEX
- Adobe Type Manager
- Acrobat Reader
- PostScript Type 1 fonts

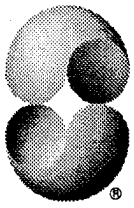
Unique Features

- Uses Type 1 *or* TrueType fonts
- Provides *partial font downloading*
- Can use *any* Windows printer driver
- Big TEX runs in Windows *or* DOS
- Commercial grade, fully hinted fonts
- *Complete* flexibility in font encoding
- Support for EPS *and* TIFF images

Why Y&Y?

Mature products. Years of experience with Windows, PostScript printers and scalable outline fonts. We *understand* and know how to *avoid* problems with Windows, ATM, 'clone' printers, and problem fonts.

Y&Y — the experts in scalable outline fonts for TEX



Y&Y, Inc. 106 Indian Hill, Carlisle, MA 01741 USA — (800) 742-4059 — (508) 371-3286 — (508) 371-2004 (fax)

DVIWindo and DVIPSONE are trademarks of Y&Y, Inc. Windows is a registered trademark of MicroSoft Co. Adobe Type Manager is a registered trademark of Adobe Systems Inc.