

It will have you typing mathematics in minutes. It's so easy, you can compose and edit directly on the screen without being forced to think in TEX.

And it gets even better! With Windows 3.0, you simply use the mouse to click on symbols and objects such as fractions, brackets, etc., and they appear in your document. Or, you can enter the same symbols with keyboard shortcuts.



SOFTWARE RESEARCH, INC.

Scientific Word is a front end to TEX. It includes a Windows version of LATEX and a Windows previewer. It stores files in ASCII LATEX format and imports most existing LATEX documents.

So chill out! Let **Scientific Word** make your life a breeze. All you need is a PC with Windows 3.0 or higher, running in standard or enhanced mode...and **Scientific Word**.

Call **800-874-2383**

to order your copy today. Ask about our 30 day money-back guarantee and our educational discount.....It's that easy.

1190 Foster Road • Las Cruces, NM 88001 TEL: (505) 522-4600 • FAX: (505) 522-0116 TELEX: 317629

Scientific Word is a registered trademark of TCI Software Research Inc. TeX is a trademark of the American Mathematical Society. Windows is a trademark of Microsoft.

AP-T_EX 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

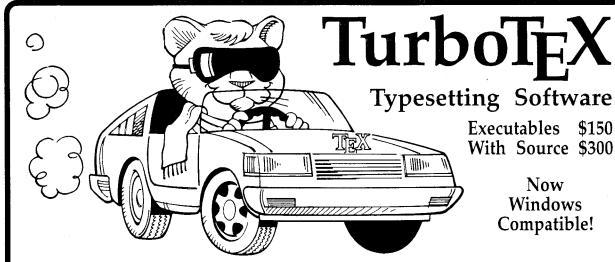
PUBLISHERS OF TURBOTEX

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 Book Avant Garde Bold Oblique Avant Garde Demiboid Avant Garde Demibold Oblique Bookman Light Bookman Light Bookman Demibold Bookman Demibold Italic Courier Courier Oblique Courier Bold Courier Bold Oblique Helvetica Helvetica Oblique Helvetica Rold Helvetica Bold Oblique Helvetica Narrow Helvetica Narrow Oblique Helvetica Narrow Bold Helvetica Narrow Bold Oblique Schoolbook New Century Schoolbook New Century Schoolbook New Century Schoolbook New Century Bold Italic Palatino Roman Palatino Italic Palatino Bold Palatino Bold Italia Times Roman Times Italic Times Bold Times Bold Zapf Chancery Medium Italic Symbol ΔΦΓϑΛΠΘ Zapf Dingbats 🔀 🖼 🖵

\$150



OW YOU CAN run the TEX typesetting system in the powerful and convenienient graphical environment of Microsoft Windows, with the new Windows-compatible TurboTEX Release 3.1.

TurboTeX brings you the latest TEX 3.1 and METAFONT 2.7 standards and certifications: preloaded plain TEX, LATEX, AMS-TEX and AMS-ÎAT_EX, METAFONT, preview for EGA/VGA displays, Computer Modern and LATEX fonts, and printer drivers for HP LaserJet and DeskJet, PostScript, and Epson LQ and FX dot-matrix printers. This wealth of software runs on your IBM PC (MS-DOS, Windows, or OS/2), UNIX, or VAX/VMS system.

■ Best-selling Value: TurboTEX sets the standard for power and value among TeX implementations: one price buys a complete, commerciallyhardened typesetting system. Computer magazine recommended it as "the version of TEX to have," IEEE Software called it "industrial strength," and thousands of satisfied users worldwide 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 commandline 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. Even without expanded memory hardware, our virtual memory simulation provides the same sized TEX that runs on multimegabyte mainframes, with capacity for large documents, complicated formats, and demanding macro pack-
- 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 Pascalto-C translator; Windows menus and text-mode interface library; 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 extensions require Microsoft Windows 3.0. Order source code (includes Programmer's Guide) for other machines. On the PC, source compiles with Microsoft C 5.0 or later (and Windows SDK for Windows extensions), Watcom C 8.0, or Borland C++ 2.0; other op-

erating systems need a 32-bit C compiler supporting UNIX standard I/O. Media is 360K 5-1/4" or 720K 3-1/2" PC floppy disks (please specify).

- Upgrade at Low Cost. If you have TurboTFX 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 TurboTfX 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 TeXrelated 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

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

CTOR TEX FOR THE 90'S

Are you still struggling with PXL's, PK's or GF's? Move on to scalable fonts:

- Save megabytes of storage-entire VT_EX fits on one floppy.
- Instantly generate any font in any size and in any variation from 5 to 100 points. (386: unlimited)
- Standard font effects include compression, slant, smallcaps, outline, shading, shadow, and reverse print.
- Discover the universe of MicroPress Font Library professional typefaces: not available from any other T_FX vendor.

VT_EX: \$299

VT_EX **386**: \$399

VT_EX Pro: \$549

VT_EX 386 Pro: \$649

Includes the VT_EX typesetter (superset of T_EX), 10 scalable typefaces (**professional versions include 150 typefaces**), VVIEW (arbitrary magnification on EGA, CGA, VGA, Hercules, AT&T), VLASER (HP LaserJet), VPOST (PostScript), VDOT (Epson, Panasonic, NEC, Toshiba, Proprinter, Star, DeskJet) and manuals. S/H add \$5. COD add \$5.

WordPerfect Interface add \$100. Site licenses available. Dealers' inquiries welcome. Professional typefaces available for older implementations of TEX.

MICRO

N PRES

MicroPress Inc.

68-30 Harrow Street, Forest Hills, NY 11375 Tel: (718) 575-1816 Fax: (718) 575-8038

For T_EX Users....

New Services and Prices from Computer Composition Corporation

We are pleased to announce the installation of several new output services now available to $T_{\text{F}}X$ users:

- 1. High Resolution Laser Imaging (1200 dpi) from <u>Postscript diskette</u> files created on either Mac- or PC-based systems.
- 2. High Resolution Laser Imaging (960 dpi) from <u>DVI magnetic tape or</u> <u>diskette files</u> using a variety of typefaces in addition to the Computer Modern typeface family.
- 3. High quality laser page proofs at 480 dpi.
- 4. **NEW PRICING** for high resolution laser imaging:

α.	From Postscript text files in volumes over 400 pages \$2.00 per page
b.	From Postscript text files in volumes between 100 & 400 pages
c.	From Postscript text files in volumes below 100 pages \$2.40 per page
d.	From DVI files in volumes over 400 pages \$2.15 per page
e.	From DVI files in volumes between 100 & 400 pages \$2.30 per page
f.	From DVI files in volumes below 100 pages

NOTE: DEDUCT \$1.00 FROM THE ABOVE PRICES FOR HIGH QUALITY LASER PAGE PROOFS.

5. All jobs shipped within 48 hours.

Call or write for page samples or send us your file and we will image it on the output unit of your choice.



COMPUTER COMPOSITION CORPORATION

1401 West Girard Avenue • Madison Heights, MI 48071

(313) 545-4330 FAX (313) 544-1611

— Since 1970 —

TEX Publishing Services



From the Basic:

The American Mathematical Society offers you two basic, low cost TFX 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 T_EX publisher, you can look to the American Mathematical Society as a single source for any or all your publishing needs.

Macro-Writing	T _E X 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.

FOR YOUR TEX TOOLBOX	FOR YOUR TEX BOOKSHELF
CAPTURE Capture graphics generated by application programs. Make LaserJet images compatible with TEX. Create pk files from pcl or pcx files \$135.00 texpic Use texpic graphics package to integrate simple graphics—boxes, circles, ellipses, lines, arrows—into your TEX documents \$79.00 Voyager TEX macros to produce viewgraphs—including bar charts—quickly and easily. They provide format, indentation, font, and spacing control \$25.00	TEX BY EXAMPLE Input and output are shown side-by-side. Quickly see how to obtain desired output \$19.95 TEX BY TOPIC Learn to program complicated macros \$29.25 TEX FOR THE IMPATIENT Includes a complete description of TEX's control sequences \$29.25 TEX FOR THE BEGINNER A carefully paced tutorial introduction \$29.25 BEGINNER'S BOOK OF TEX A friendly introduction for beginners and aspiring "wizards."

Micro Programs Inc. 251 Jackson Ave. Syosset, NY 11791 (516) 921-1351

TeX without Bitmaps

Wouldn't it be nice to be able to preview DVI files at any magnification, not just those for which bitmap fonts have been pre-built? Or to produce truly resolution-independent output that will run on any PostScript device, whether image setter or laser printer?

Perhaps you are looking for an alternative to Computer Modern? Well, there now exist complete outline font sets which include math fonts that are direct replacements for those in CM. Even if you do want to remain faithful to CM, there are distinct advantages to switching to the outline version of the fonts. We supply the tools to do all of this:

DVIWindo — preview DVI files calling for outline fonts

- * Preview at arbitrary magnification
- * Preview in WindowsTM a simple, standardized user interface
- * Print to any printer with a Windows printer driver
- * Show EPSF files with preview on screen and insert TIFF images.

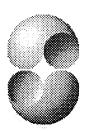
DVIPSONE — partial font downloading for speed and efficiency

- * Avoid running out of memory on the printer
- * Produce truly resolution-independent output
- * Designed from the bottom up for use with outline fonts on the PC

Fonts — available from YEY in Adobe Type 1^{TM} form (ATM compatible)

- * BSR Computer Modern fonts with accented characters built in
- * LATEX + SLITEX fonts in outline form
- * Euler font set the most popular faces from the $A_{M}S$ font set.
- * Lucida®Bright + LucidaBrightMath a complete alternative to CM

Resolution-independent PostScript files using outline fonts can be printed by any service bureau, not just those with Texpertise — and that translates into considerable savings for you. Perhaps it is time to get rid of those huge, complex directories full of bitmap fonts?



The solution is ETP.

$$\Delta \mathcal{P} = \sum_{W} \left[Q_{\text{IPR}} \int_{4\text{-}1\text{-}87}^{\infty} (D_p + D_m + D_s)^T + \epsilon (P_m - I_P) dt \right]$$

$$\equiv \text{ETP}$$

ETP Services offers solutions to the problems facing the publishers of technical books and journals, with a complete array of composition-related services.

Electronic Technical Publishing Services Company

2906 N.E. Glisan Street Portland, Oregon 97232 503-234-5522 • FAX: 503-234-5604 mimi@etp.com

Publishing Companion® translates

WordPerfect

to

TeX or LaTeX

IN ONE EASY STEP!

With **Publishing Companion**, you can publish documents using T_EX or L^AT_EX with **little or no** T_EX **knowledge**. Your WordPerfect files are translated into T_EX or L^AT_EX files, so anyone using this simple word processor can immediately begin typesetting their own documents!

Publishing Companion translates EQUATIONS, FOOTNOTES, ENDNOTES, FONT STYLES, and much more!

Retail Price	\$249.00
Academic Discount Price	\$199.00

For more information or to place an order, call or write:



30 West First Ave, Suite 100 Columbus, Ohio 43201 (614)294-3535 FAX (614)294-3704

Send us your TEX DVI files and we will typeset your material at 2000 dpi on quality photographic paper — \$2.50 per page!

Choose from these available fonts: Computer Modern, Bitstream Fontware[™], and any METAFONT fonts. (For each METAFONT font used other than Computer Modern, \$15 setup is charged. This ad was composed with PCTEX® and Bitstream Dutch (Times Roman) fonts, and printed on RC paper at 2000 dpi with the Chelgraph IBX typesetter.)

And the good news is: just \$2.50 per page, \$2.25 each for 100+ pages, \$2.00 each for 500+ pages! Laser proofs \$.50 per page. (\$25 minimum on all jobs.)

Call or write today for complete information, sample prints, and our order form. TYPE 2000, 16 Madrona Avenue, Mill Valley, CA 94941. Phone 415/388-8873.



Everything You Need At One Low Price... Announcing the New PCT_EX Systems!

You can now receive a new PC T_EX System, which includes PC T_EX/386 plus a full set of printer drivers, complete with everything you need to create the highest quality typeset documents possible using a PC, all at one low price. We offer a **20% Discount to TUG Members.** Here are your choices:

The PC T_EX System for Laser Printers Includes:

- PC T_FX
- PC T_FX/386
- PTI View
- PTI Laser/HP
- PTI Laser/PS
- PTI Jet
- CM 300dpi Fonts

Retail: \$599

TUG Members: \$479

The Big PCT_EX System for Laser Printers Includes:

- PC T_FX
- Big PC T_FX/386
- PTI View
- PTI Laser/HP
- PTI Laser/PS
- PTI let
- CM 300dpi Fonts

Retail: \$699

TUG Members: \$559

The PCT_EX System for Dot Matrix Printers Includes:

- PC T_EX
- PC T_FX/386
- PTI View
- PTI Dot/FX
- PTI Dot/LQ
- CM 240dpi & 180dpi Fonts

Retail: \$499

TUG Members: \$399

Upgrade your Current Products and Get a Full Set of Printer Drivers, plus PCT_FX/386, for only \$195

For those of you who already own PC T_EX, PTI View, and at least one PTI Printer Driver, special System Upgrades* are available to you as follows:

PC TeX Laser System Upgrade - \$195 Big PC TeX Laser System Upgrade - \$245 PC TeX Dot Matrix System Upgrade - \$175

One Stop Shopping from Personal TeX, Inc.

We offer you a full range of TeX products to meet your every need... including graphics programs, fonts, spell-checkers, text editors, and TeX macros. Look for our new LATeX book, LATeX for Everyone, coming soon. For our free 1991 Product Catalog, demo diskette, or for further information, call us today at (415) 388-8853.



12 Madrona Avenue • Mill Valley, CA 94941 • Phone: (415) 388-8853 • Fax: (415) 388-8865

In Europe: (31) 703237241 • (49) 24167001 • (49) 80248011 • (49) 73126932 • (44) 742351489 • (39) 290091773 (33) 169073688 • In Asia: (886) 35335179 • In Australia: (61) 34599671

* You must provide proof of prior purchase of PC TeX, PTI View, and a PTI Printer Driver. Upgrades do not include CM Fonts. PC TeX is a registered TM of Personal TeX, Inc. TeX is an American Mathematical Society TM. Site licenses available to qualified organizations. Inquire about PTI distributorships. This ad was typeset using PC TeX and Bitstream Fonts.

A complete T_EX solution that implements all the T_EX 3.14 capabilities, including virtual fonts and the Extended Font standard adopted at the TUG '90 meeting in Cork.

ArborText put it all together. You don't have to!

ArborText's T_EX 3.14 provides everything you need in a complete, ready-to-use package:

Utilize the Extended TeX Font Encoding capability with *pre-built virtual fonts* for Computer Modern and PostScript

Use the conversion utilities we supply to make your own extended fonts from existing TeX 2.0 style fonts

Easily accent characters from your foreign language keyboard

Create multi-language documents

Choose from included hyphenation patterns for English, French, German, Dutch, Spanish, Portuguese, or add your own

Use the extended version of Plain TeX and LATeX

We've provided access to the New Extended Fonts directly macro source included!

TeX 3.14 and support software is available for Sun, IBM RS6000 DEC/Risc-Ultrix, HP 9000, and IBM PCs,



Design and Production with TEX, without compromise

Pronk&Associates Inc. is a full-service design and production studio. For ten years we have been providing design and production to publishers such as Addison-Wesley; Houghton Mifflin; Holt, Rinehart and Winston; McGraw-Hill Ryerson; Prentice-Hall and many others. Utilizing TEX as our main production tool, our company is dedicated to excellence in all aspects of book production.

Design

Our first commitment is to bring creative excellence to each project. For the past six years we have designed books for production with TEX and PostScript and have learned to make full use of the power this combination makes possible. One, two and four-color books are created, in TEX, without compromising design.

Graphics

Custom designed logos, charts, graphs and diagrams are produced in-house. Our studio is equipped to handle large volumes, working from either hard copy or directly from your data files. We also produce complex four-color graphics, conventional illustration and photography.

Typesetting

Electronic files created in TEX or any other word processing program are accepted and converted to a final TEX document for PostScript output in one, two or four colors. The power of the TEX/PostScript partnership allows logos, rules, graphics, screened tints to be called for in TEX macros and then written to a final PostScript file in full color.

Proofing

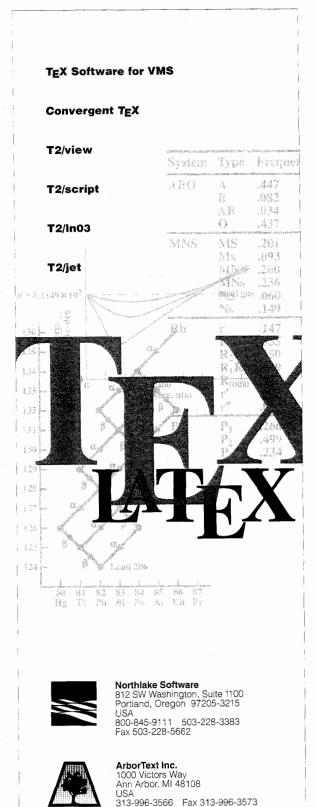
Page proofs are supplied with pale grid lines to indicate columns, gutters, and placement of common page elements. This type of proof allows for instant recognition of short pages and non-aligned elements. Final page proofs for two and four-color books can be run very economically in color.

Output

Final files can be output on any PostScript device. We will supply final plate-ready negative film to your printer's specifications or we will supply electronic files to your specifications. Files can be prepared in color-separated fourpage imposed signatures for output on a large format imagesetter.

Pronk&Associates Inc.

BOOK DESIGN AND PRODUCTION 1129 LESLIE STREET, DON MILLS, ONTARIO M3C 2K5 CANADA PHONE (416) 441-3760 FAX (416) 441-9991





TeXSPERT

Beckman's Diagnostics Systems Group is a world leader in laboratory and hospital instrument systems. Our products play a vital role in improving the quality of life worldwide. You can become a part of our exciting efforts.

We are currently seeking a TeXSPERT to design and develop advanced TeX macro and style files for Beckman's technical information and documentation systems. Experience with LaTex language development required. Knowledge of postscript helpful.

We offer excellent compensation and benefits packages. Please send your resume to:

Beckman Instruments, Inc., Professional Staffing-VO-Tugboat, 250 S. Kraemer Blvd., Brea, CA 92621. An affirmative action employer.

BECKMAN

Index of Advertisers

- 118 American Mathematical Society
- 124 ArborText
- 126 Beckman Instruments
- Cover 3 Blue Sky Research
 - 117 Computer Composition
 - 120 ETP (Electronic Technical Publishing)
 - 121 K-Talk Communications
- 114, 115 Kinch Computer Company
 - 116 MicroPress, Inc.
 - 118 Micro Programs, Inc.
 - 126 Northlake Software
 - 123 Personal TeX Inc.
 - 125 Pronk&Associates
 - 113 TCI Software

opposite TEX Users Group

cover 3

- 122 Type 2000
- 119 Y&Y

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 for whom English is not their native language. 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.

535 W. William, Suite 300, Ann Arbor, MI 48103; (313) 996-3566

Typesetting from DVI files on an Autologic APS-5. Computer Modern and standard Autologic fonts. 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.

DOWNES, Michael

49 Weeks Street, North Smithfield, RI 02895; (401) 762-3715

Instruction in AMS-TEX, AMS-IATEX, plain TEX, and advanced macro writing. Custom documentstyles. Consulting: ■ advanced mathematical typesetting topics; ■ tuning mathematics fonts; ■ getting the most out of TEX in a production environment. Troubleshooting.

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.

HOENIG, Alan

17 Bay Avenue, Huntington, NY 11743; (516) 385-0736 TEX typesetting services including complete book production; macro writing; individual and group TEX instruction.

KUMAR, Romesh

1549 Ceals Court, Naperville, IL 60565; (708) 972-4342 Beginners and intermediate group/individual instruction in TEX. Development of TEX macros for specific purposes. Using TEX with FORTRAN for custom-tailored software. Flexible hours, including evenings and weekends.

MAGUS, Kevin W. Thompson

P.O. Box 390965, Mountain View CA 94039-0965; (800) 848-8037; (415) 940-1109; magus@cup.portal.com LATEX consulting from start to finish. Layout design and implementation, macro writing, training, phone support, and publishing. Can take LATEX files and return camera ready copy. Knowledgeable about long document preparation and mathematical formatting.

OGAWA, Arthur

920 Addison, Palo Alto, CA 94301; (415) 323-9624 Experienced in book production, macro packages, programming, and consultation. Complete book production from computer-readable copy to camera-ready copy.

QUIXOTE, Don Hosek

440F Grinnell, Claremont, CA 91711; (714) 625-0147 Complete line of TEX, IATEX, and METAFONT services including custom IATEX 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) 326-2583TEX 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.

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.

13th Annual TEX Users Group Meeting



PORTLAND, OREGON

▲ Mark your calendars and join us in Portland, the home of 20-pound salmon and 20-story buildings. Ride light rail trains over cobblestone streets, ski Mt. Hood and attend the symphony in the same day—even in July. A friendly city, Portland charms its visitors with a variety of attractions including:

Windsurfing

A trip up the Columbia River on a sternwheeler

Tours of the wine region

The Metro Washington Park Zoo Portland Center for the Performing Arts

Oaks Amusement Park

Oregon Art Institute

Scenic Washington County

Oregon Museum of Science and Industry

World Forestry Center

Mt. Hood

Portland Saturday Market for arts and crafts

Of special interest to TUG Meeting attendees may be the 11th Annual Mt. Hood Festival of Jazz to be held August 1st and 2nd in Gresham, Oregon, a suburb of Portland.

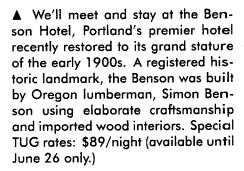
For a complete visitors' guide, The Portland Book, call the Portland Visitors' Center at (800) 345-3214.

TEX in Context

Resources, Support Tools, and Comparative Studies

▲ During four information-packed days, we'll delve into front-ends for TEX, inclusion of graphics within TEX documents as well as exportation of TEX output to other graphics programs, comparisons of implementations of TEX on microcomputers, network access and resources, educational issues, and translation between TEX and word-processors.

Presentations
Workshops
Networking Luncheons
Exhibits
Panel discussions
Classes



▲ Program coordinator:

Mimi Lafrenz ETP Services Co.

Program committee:

Helen Gibson

Wellcome Institute

Doug Henderson

Blue Sky Research

Ron Whitney

TFX Users Group

▲ Watch your mail and future issues of TUGboat and TEX & TUG News for more details. In the meantime, if you have questions, contact:

TEX Users Group

Phone: (401) 751-7760

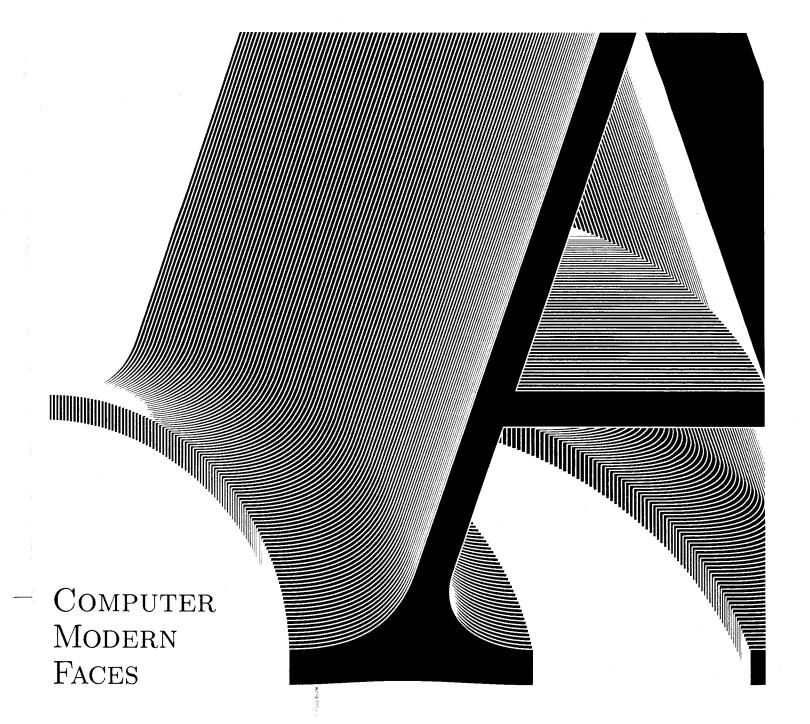
Fax: (401) 751-1071

e-mail: tug@math.ams.com

P.O. Box 9506

Providence, RI 02940





ADOBE
TYPE 1
POSTSCRIPT
FONTS

Blue Sky Research Forty faces of Computer Modern designed by Donald Knuth published in Adobe Type 1 format compatible with Adobe Type Manager and all PostScript printers

\$345.00 Educational \$195.00 Macintosh or MS-DOS

Blue Sky Research 534 Southwest Third Avenue Portland, Oregon 97204 USA (800) 622-8398, (503) 222-9571 FAX (503) 222-1643