

TEX *without* Bitmaps

539

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? 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 MS Windows™ — 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

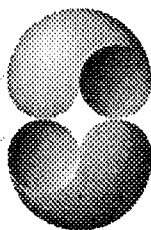
DVIPSONE — *partial font downloading for speed and efficiency*

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

Fonts — *available from Y&Y in Adobe Type 1™ form (ATM compatible)*

- * BSR Computer Modern fonts — with accented characters built in
- * L^AT_EX + S_LT_EX font set — line, circle, symbol, lcms*, and logo*
- * A_MS font set — Euler, math symbol and Cyrillic fonts
- * Lucida® Bright + Lucida New Math — a complete alternative to CM

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



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Identical to
Adobe PostScript Typefaces

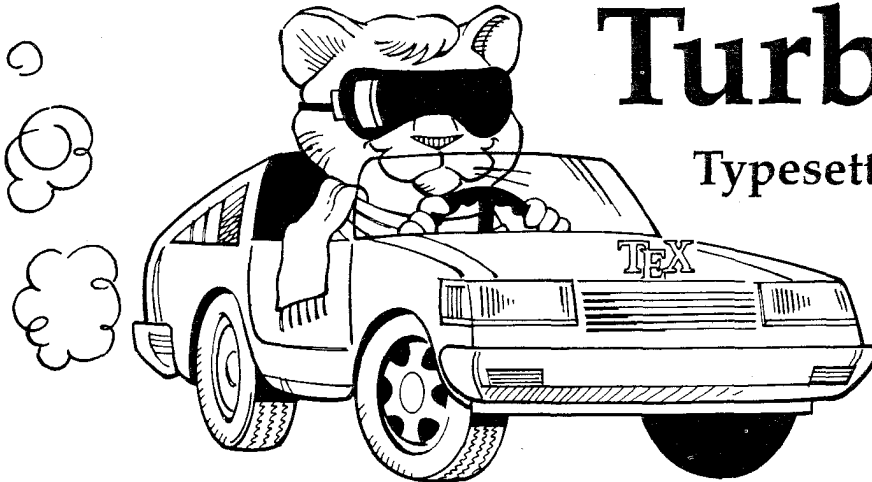
If you are hungry for new TEX fonts, here is a feast guaranteed to satisfy the biggest appetite! The AP-TEX fonts serve you a banquet of gourmet delights: 438 fonts covering 18 sizes of 35 styles, at a total price of \$200. The AP-TEX fonts consist of PK and TFM files which are exact TEX-compatible equivalents (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.

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Avant Garde	Bold
<i>Avant Garde</i>	Bold Oblique
Avant Garde	Demibold
<i>Avant Garde</i>	Demibold Oblique
Bookman	Light
<i>Bookman</i>	Light Italic
Bookman	Demibold
<i>Bookman</i>	Demibold Italic
Courier	
<i>Courier</i>	Oblique
Courier	Bold
<i>Courier</i>	Bold Oblique
Helvetica	
<i>Helvetica</i>	Oblique
Helvetica	Bold
<i>Helvetica</i>	Bold Oblique
Helvetica Narrow	
<i>Helvetica Narrow</i>	Oblique
Helvetica Narrow	Bold
<i>Helvetica Narrow</i>	Bold Oblique
Schoolbook	New Century Roman
<i>Schoolbook</i>	New Century Italic
Schoolbook	New Century Bold
<i>Schoolbook</i>	New Century Bold Italic
Palatino	Roman
<i>Palatino</i>	Italic
Palatino	Bold
<i>Palatino</i>	Bold Italic
Times	Roman
<i>Times</i>	Italic
Times	Bold
<i>Times</i>	Bold Italic
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■ **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 \TeX book 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; PASCAL, 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.

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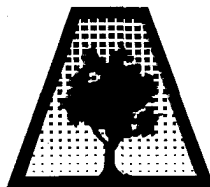
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