TEX

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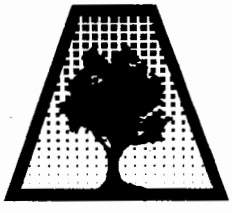

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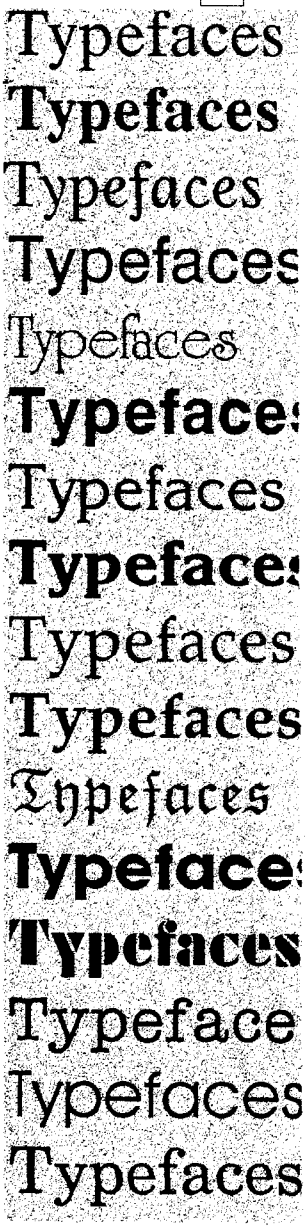

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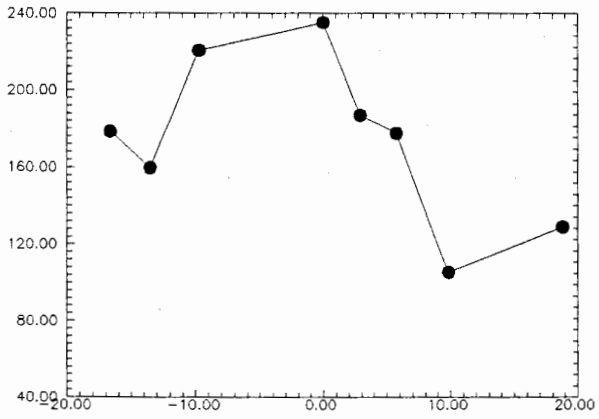

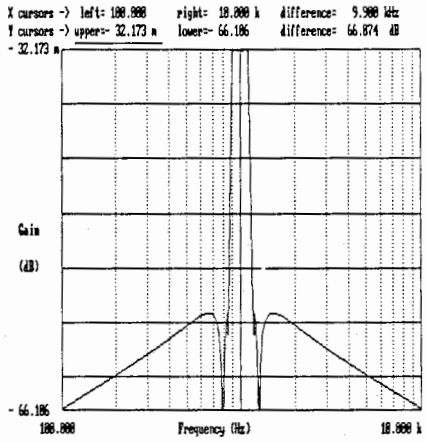

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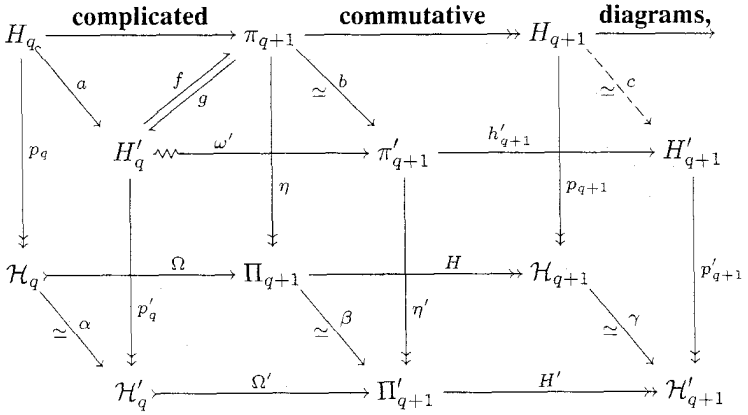

$$\begin{tikzcd}
H_q \arrow[rr, "\textbf{complicated}"] \arrow[dr, "a"] \arrow[dd, two heads, "p_q"'] & & \pi_{q+1} \arrow[rr, two heads, "\textbf{commutative}"] \arrow[dr, "b", "\simeq"'] \arrow[dd, two heads, "\eta"] & & H_{q+1} \arrow[r, "\textbf{diagrams,}"] \arrow[dr, dashed, "c", "\simeq"'] \arrow[dd, two heads, "p_{q+1}"] & \\
& H'_q \arrow[ur, shift left, "f"] \arrow[ur, shift right, "g"'] \arrow[rr, squiggly, "\omega'"] \arrow[dd, two heads, "p'_q"] & & \pi'_{q+1} \arrow[rr, "h'_{q+1}"] \arrow[dd, two heads, "\eta'"] & & H'_{q+1} \arrow[dd, two heads, "p'_{q+1}"] \\
\mathcal{H}_q \arrow[rr, tail, "\Omega"] \arrow[dr, "\alpha", "\simeq"'] & & \Pi_{q+1} \arrow[rr, two heads, "H"] \arrow[dr, "\beta", "\simeq"'] & & \mathcal{H}_{q+1} \arrow[dr, "\gamma", "\simeq"'] & \\
& \mathcal{H}'_q \arrow[rr, tail, "\Omega'"] & & \Pi'_{q+1} \arrow[rr, two heads, "H'"] & & \mathcal{H}'_{q+1}
\end{tikzcd}$$

		Group C					
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complicated	**tables,**	Side 1	Side 2 (Left)	Side 1	Side 2 (Left)		**Houston, TX 77027**

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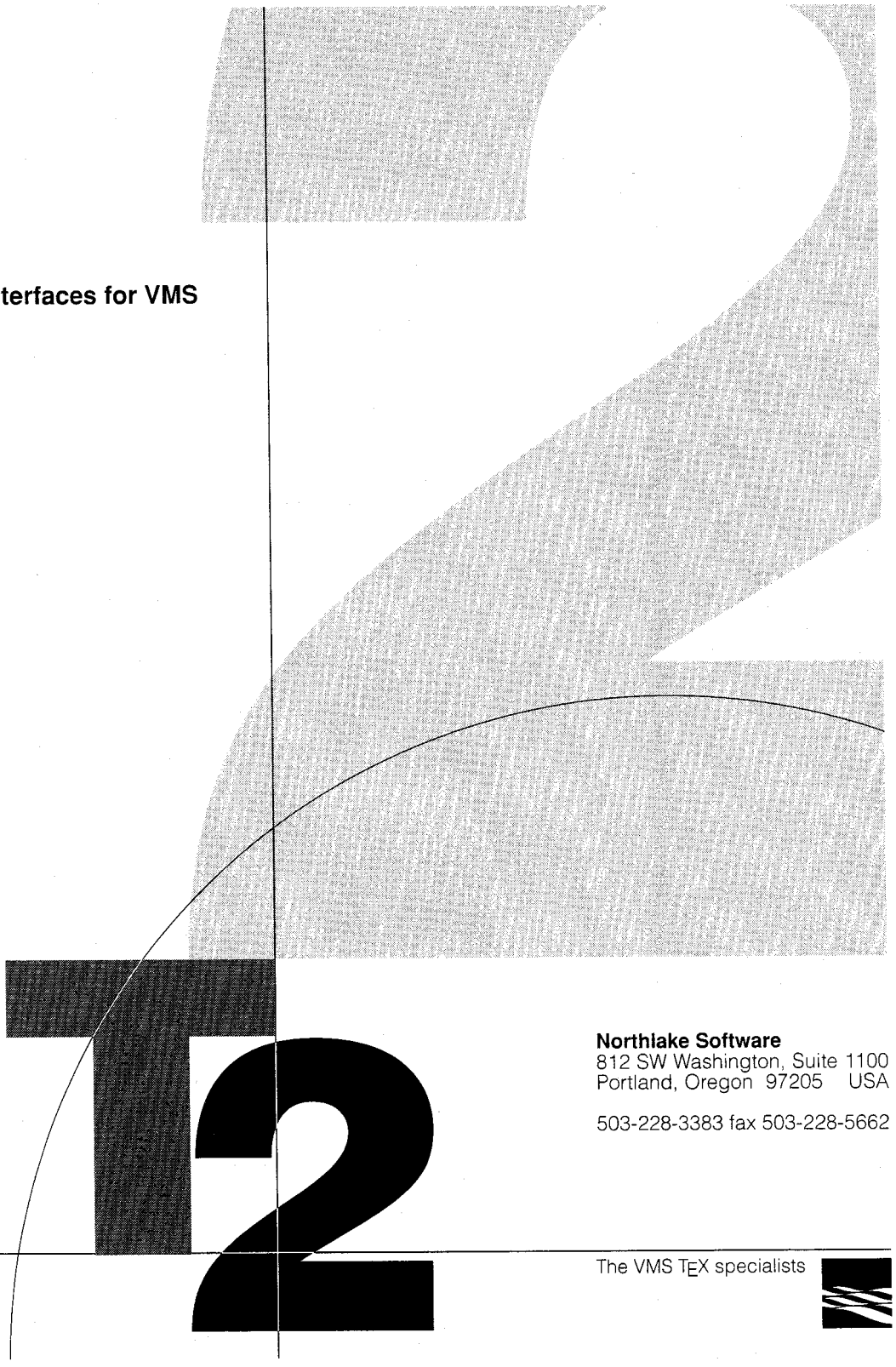

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AMS-TEX, the TEX macro package that simplifies the typesetting of complex mathematics, has been updated to version 2.0. AMS-TEX is intended to be used in conjunction with AMSFonts 2.0 (see below). However, AMS-TEX can also be used without AMSFonts. AMS-TEX is available on IBM or Macintosh diskettes—either format may be uploaded to many mainframe computers. **Prices:** $30 list, $27 AMS member. A free upgrade is available (until September 1, 1990), for those who have purchased a previous version.

AMSFonts Version 2.0

AMSFonts 2.0 are designed for use with either AMS-TEX 2.0 or Plain TEX. AMSFonts 2.0 **cannot** be used with previous versions of AMS-TEX. Two distributions of fonts are available: one for use on PCs and mainframes (with any implementation of TEX), the other for use on a Macintosh with *Textures*. The fonts included on these distributions are:

Font Name	Description	Point Sizes	Font Name	Description	Point Sizes
CMEX	CM Math Extension	7-9*	EUSM	Euler Script Medium	5-10
CMCSC	CM Caps and Small Caps	8-9*	EUEX	Euler Compatible Extension	7-10
CMMIB	CM Math Italic Boldface	5-9*	MSAM	Symbols	5-10
CMBSY	CM Bold Symbols	5-9*	MSBM	Symbols (w/Blackboard Bold)	5-10
EURB	Euler Cursive Boldface	5-10	WNCYR	Cyrillic Upright	5-10**
EURM	Euler Cursive Medium	5-10	WNCYI	Cyrillic Italic	5-10**
EUFB	Euler Fraktur Boldface	5-10	WNCYB	Cyrillic Boldface	5-10**
EUFM	Euler Fraktur Medium	5-10	WNCYSC	Cyrillic Caps and Small Caps	10**
EUSB	Euler Script Boldface	5-10	WNCYSS	Cyrillic Sans Serif	8-10**

* 10 point is included in the standard TEX distribution.
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- Magnification: All the standard TEX magnifications are included. The standard magnifications are: 100, 109.5, 120, 144, 172.8, 207.4, and 248.8%.
- Format: high-density 5.25"diskettes.
- Prices: $45 list, $41 AMS member. A free upgrade is available (until September 1, 1990), for those who have purchased a previous version.

AMSFonts for use on a Macintosh with *Textures*

- Font Resolution: 72, 144, and 300 dpi (all resolutions included in each order).
- Magnification: The standard distribution includes fonts at 100% and 120%. An extended distribution, containing all the standard TEX magsteps, is also available.
- Format: double-sided double-density 3.5" diskettes.
- Prices: *Standard* (magsteps 0-1): $30 list, $27 AMS member. *Extended* (magsteps 0-5): $45 list, $41 AMS member. A free upgrade is available (until September 1, 1990), for those who have purchased a previous version.

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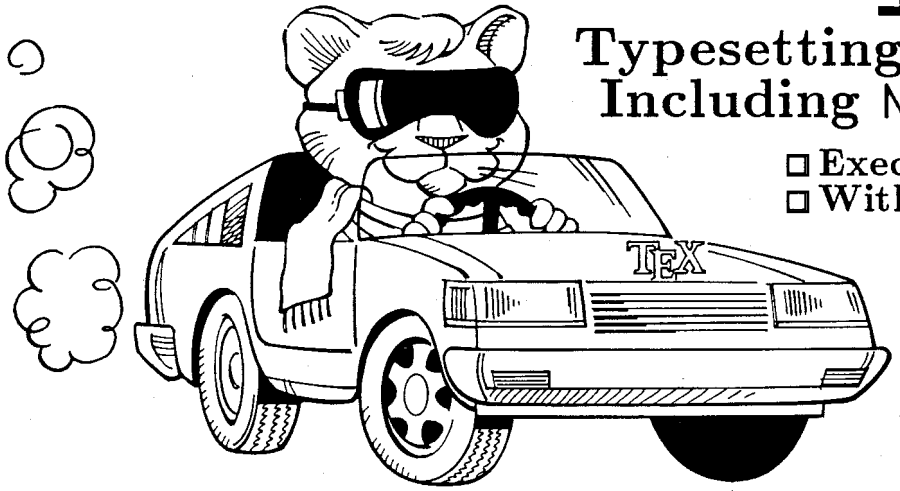

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■ **Availability & Requirements:** TurboTEX executables for IBM PC's include the User's Guide and require 640K and hard disk. Order source code (includes Programmer's Guide) for other machines. Source compiles with Microsoft C 5.0 or later on the PC; other systems need 1 MB memory and a C compiler supporting UNIX standard I/O. Media is 360K 5-1/4" PC floppy disks; other formats at extra cost.

■ **Upgrades:** If you have TurboTEX Release 2.0, you can upgrade the executables for only $40. If you have the source distribution, upgrade both executables and source for $80. Or, get either applicable upgrade free when you buy the AP-TEX fonts (see facing page) for $200!

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■ **Free Buyer's Guide:** Ask for the free, 70-page Buyer's Guide for more 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.

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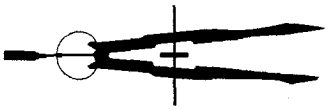

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