

T_EX with style sheet and automatic page design in PostScript

PageT_EX is an advanced, automatic multi-column page make-up system.

PageT_EX balances columns and baselines, performs vertical justification, automatically positions figures and tables, and inserts running headers, footers and footnotes.

PageT_EX runs on ordinary PCs (with 640K of memory and 3 megabytes of free hard disk space). It is tried and tested, having been used for several years in a scientific publishing house to typeset around forty monthly and bimonthly journals.

It is easy to start using PageT_EX. You do not have to know T_EX beforehand. You design your own style sheets using a menu-driven system, prepare your documents using popular word processing software – and **PageT_EX** will do the rest. If you wish, you can include any T_EX (such as math) within your documents.

PageT_EX features

- **PageT_EX** is a complete automatic page typesetting system. Once you have designed your style sheet, pages – including illustrations and tables – will be laid out automatically.
- Input can be plain ASCII text, Wordstar or WordPerfect files.
- An automatic 'make' system keeps all components of a document up to date.
- Page layout is controlled by user-defined style sheets.
- Tables are created on-screen in a semi-*wysiwyg* format. **PageT_EX** will automatically lay out tables according to style sheet specifications.
- Pages are typeset automatically. All pages in multi-page documents will be laid out automatically (without user intervention) according to style-sheet specifications.
- Figures and tables are automatically floated to the best position.
- PostScript illustrations can be included in documents and scaled automatically or according to user specification.
- Text can be in one to four columns, changing as often as necessary.
- T_EX 3.x is used as the typesetting engine.
- T_EX's mathematical setting works completely normally in PostScript.
- Computer Modern fonts can be used on non-PostScript printers.

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Contents: What is T_EX? • The Characteristics of T_EX • Groups and Modes • The Fonts T_EX Uses • Spacing, Glue and Springs • Paragraphs • Page Layout • Boxes • Alignments • Tabbing • Typesetting Mathematics • T_EX Programming • Dictionary and Index

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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 T_EX or L^AT_EX.

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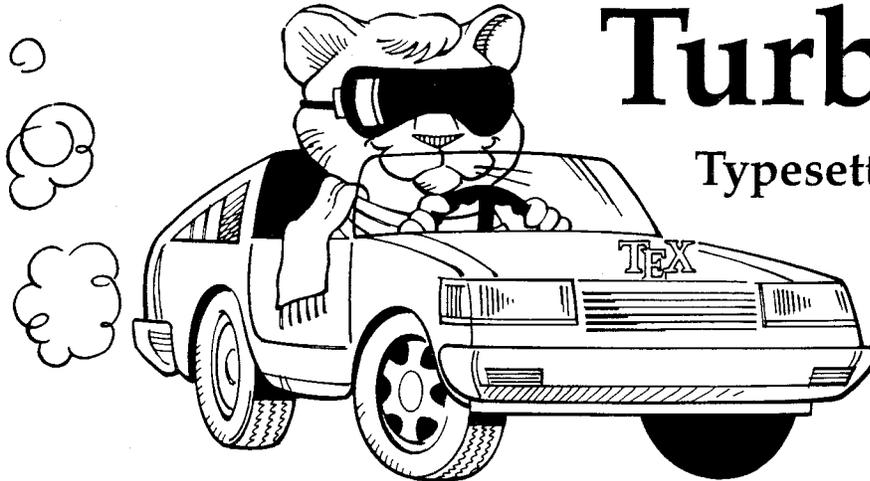
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■ **Availability & Requirements:** Turbo \TeX executables for IBM PC's include the User's Guide and require 640K, hard disk, and MS-DOS 3.0 or later. Windows versions run on Microsoft Windows 3.0 or 3.1. Order source code (includes Programmer's Guide) 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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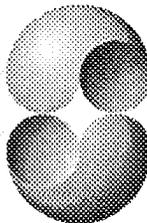
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