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Advertisements

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TEXTSET, INC.

1612 ANDERSON
ANN ARBOR, MI 48104
PH:(313) 996-3566

TEXTSET, INC. offers a full range of TEX consulting services that include:

1. Access to an APS-5 phototypesetter for final-quality phototypesetting.
2. Assistance with designing and implementing TEX macro packages.
3. Contract programming services for developing and maintaining DVI-to-Printer device drivers.
4. Assistance with installing and maintaining TEX82 or porting it to new computing environments.

TEXTSET, INC. is pleased to announce the availability of a DVI-to-printer driver program for the Autologic APS-5 series of phototypesetters. For complete information, please contact Dave Rodgers.

TEXTSET, INC. is a direct-typesetting service that offers a broad set of services to the publishing community. We have adopted TEX82 as our typesetting language and are in the process of installing it on a SUN workstation under UNIX (Berkeley 4.2). In the interim, we are using the timesharing system (MTS) at the University of Michigan for TEX processing.

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TEX LECTURES ON TAPE

Introduction to the internal workings of TEX82
Donald Knuth

In conjunction with the July 1982 TUG meeting, a short course of 12 one-hour lectures, "Introduction to TEX82", was presented on the internal workings of TEX82. The WEB source of TEX82 was used as a reference. A reading knowledge of PASCAL was strongly recommended as a prerequisite.

The following topics were covered: reading WEB programs; representation of strings; data structures for boxes and glue; representation of control sequences; syntactic routines (TEX's eyes and mouth); semantic routines (TEX's stomach and intestines); breaking paragraphs into lines; hyphenation; scanning file names; input of font metric (TFM) files; output of device-independent (DVI) files; initializing a TEX production program.

The principal goal of the course was to make the participant familiar with the anatomy of the TEX82 system, so that it will be clear how to make system dependent changes necessary to install it as an effective production tool. Considerations necessary for tailoring TEX for use with languages other than English were discussed. The information provided by this course should make the viewer able to make better use of TEX than would otherwise be possible, and to help with troubleshooting when others at his site do strange things with the software.

All twelve lectures were videotaped, and are available for lease or purchase.

	Lease	Purchase
List	\$720/month	\$1,200
Institutional member, non-educational	600/month	1,080
Educational institution	480/month	960

TEXnical typing for beginners; TEXarcana
Donald Knuth

The two lecture series presented in March 1981, on "*TEXnical typing*", for beginners with no previous TEX experience, and on "*TEXarcana*", aimed at experts with at least a half-year's experience, are still available. The user should be aware that there are substantial differences between TEX80 (the subject of the 1981 lectures) and TEX82, so that some of the material presented in these lectures is out-of-date.

Lecture tapes are now available in all video formats. For additional information and prices, contact Ray Goucher, American Mathematical Society, P.O. Box 6248, Providence, RI 02940, (401) 272-9500, ext. 232.

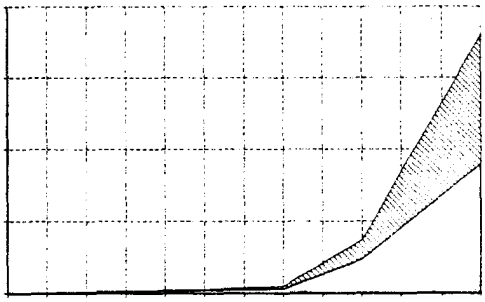
IMAGEN Corporation
Intelligent Page Printer Systems

TEX Support

- Since 1981, and the introduction of IMAGEN's IMPRINT-10 non-impact page printer, we've supported the TEX formatting system.
- IMAGEN now supports TEX82, full graphics, and various other applications.
- The numerous TEX installations IMAGEN has across the country allows us to offer field tested and proven software for your TEX applications.

Quality Output

- IMAGEN now supports TEX (and other applications) on non-impact page printing systems varying in resolution from 240 to 480 dots per inch.
- This advertisement was typeset using the TEX formatting system and output on our 480 dot per inch printer.



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