quite conservative regarding the appearance of math journals, and might not accept the cursive notation readily. Perhaps Mr. McWorter is a harbinger of change in this regard.

Here is a small sample of the Euler cursive, with the same material in Computer Modern math italic for comparison.

$$x^2 + y^2 = z^2 \qquad\qquad x^2 + y^2 = z^2$$
$$f^*(x) \cap f_*(y) \qquad\qquad f^*(x) \cap f_*(y)$$
$$D \sim p^\alpha M + l \qquad\qquad D \sim p^\alpha M + l$$
$$\frac{dy}{dx} = f(x, y) \qquad\qquad \frac{dy}{dx} = f(x, y)$$
$$\frac{\partial \varphi}{\partial t} = f(\varphi, t) \qquad\qquad \frac{\partial \varphi}{\partial t} = f(\varphi, t)$$

Announcements

Workshop on Font Design Systems

A workshop on Font Design Systems is being organized by INRIA to be held in Sophia-Antipolis (near Nice) on 18–19 May 1987. Papers have been solicited on the following topics:

- High, medium or low resolution font systems
- Character design algorithms
- Interactive systems
- Experiments with **METAFONT**, etc.
- Exotic alphabets
- 3D characters
- Logo design

The deadline for submitting papers has passed; for details on attending the workshop, please contact

> Jacques André
> IRISA/INRIA–Rennes
> Campus de Beaulieu
> F-35042 Rennes Cedex, France
> !inria!irisa!jandre

or

> Moncef Mlouka
> INRIA–Sophia Antipolis
> Avenue Emile Hugues
> F-06565 Valbonne Cedex, France

Special Course, Spring Quarter 1987
TeX: The Program:
A case study in software design

> Donald Knuth
> Stanford University

This special course will be given by Donald Knuth at Stanford during the Spring Quarter, 1987. It will consist of about twenty 75-minute lectures on Tuesdays and Thursdays, 1:15–2:30 p.m., starting in early April and continuing until early June. The course designation is CS 349; this is a 3-unit course.

The implementation of TeX will be discussed as an example of the design and documentation of a medium-size software system. Also discussed will be the WEB system of structured documentation. Knowledge of the TeX and Pascal languages is a prerequisite. Students will learn enough about the innards of TeX to make extensions to the system. The text for the course will be TeX: The Program.

As with Knuth's previous TeX-related courses, this course will be transmitted to remote locations via the Stanford educational network, and it will be videotaped.

Videotapes of the course

If there is enough interest among the organizations represented in TUG's membership, TUG can make a special arrangement with Stanford University to lease these tapes for a year or more, with the right to sublease them. The exact details of how this would work and how much it would cost cannot be determined until TUG has an indication of the interest in setting up such an arrangement. A very rough estimate, however, would be as little as $1,000 or up to $2,000, again depending on the number of participants. The cost of leasing the tapes directly from Stanford would be at least several thousand dollars higher.

Any organization interested in participating in a TUG-sponsored lease arrangement should contact the TUG office by May 15, 1987; call 401-272-9500, ext. 232.

Call for Papers: Electronic Publishing, Document Manipulation and Typography

Nice, France
April 20–22, 1988

An international conference on Electronic Publishing, Document Manipulation and Typography will be held at Nice, France, on April 20–22, 1988. The Conference is being organized by INRIA, France, in association with a number of sponsors. This conference may be considered as a successor to the EP86 conference organized at the University of Nottingham, England, in April 1986, by the British Computer Society.

The conference will cover all aspects of computer document preparation, text processing, and printing. It will include topics such as document design, authoring systems, electronic publishing, digital typography, and it will definitely be oriented to new ideas and techniques on such matters. Papers, which should present original research work or give a comprehensive survey of a particular area, are invited on any new topic related to document processing, including (but not limited to) the following:

- Document structures (analysis and recognition)
- Document editors or formatters, integration of text, graphics, and images
- Markup languages and translation from one to another one
- Computer-based and dynamic documents
- Page description languages
- Interfaces with other software
- Expert systems for editing
- Specific documents (mathematics, chemistry, humanities, music, exotic languages, ...)
- Electronic publishing — applications and techniques
- Linguistic approaches and semantic structures of text

The chairman of the conference is Jacques André (IRISA/INRIA) and the vice-chairman is Brian Kernighan (Bell Laboratories). The program committee also includes Patrick Baudelaire (TANGRAM), Richard Beach (Xerox PARC), Charles Bigelow (Stanford University), David Brailsford (University of Nottingham), Heather Brown (University of Kent), Giovanni Coray (EPFL), R. W. Davy (Chelgraph Ltd.), Richard Furuta (University of Maryland), James Gosling (Sun Microsystems), Vania Joloboff (Bull/INRIA), Peter King (University of Manitoba), Dario Lucarella (Università di Milano), Pierre MacKay (University of Washington), Robert Morris (Interleaf/University of Massachusetts), J. Nievergelt (University of North Carolina), Vincent Quint (INRIA/IMAG), Brian Reid (DEC Western Research Center), Alan Shaw (University of Washington), and Hans Van Vliet (CWI).

Main deadlines

now	Ask to be placed on the mailing list using the form below.
July 31, 1987	Papers to be received by the Program Committee Chairman.
Oct 31, 1987	Notification of acceptance and mailing of instructions for preparation of the final paper.
Jan 31, 1988	Final paper to be received by the Proceedings Editor (Conference proceedings will be available at the conference).

To be placed on the mailing list for this conference, please supply the following information to:

Jacques André
IRISA/INRIA EP88
Campus de Beaulieu
F-35042 Rennes Cedex
FRANCE

or send relevant information by electronic mail to the Usenet address:

`...mcvax!inria!irisa!jandre`

I am interested in
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[   ] submitting a paper
[   ] attending the conference
[   ] exhibiting
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Address: