



## MAPS bibliografie

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### Gerard van Nes

*MAPS 88.2* (Dutch/English), MAPS 1, 1988, 1-20

**keywords:** NTG, MAPS

**abstract:** NTG's magazine

[maps1.pdf](#) (199 KB)

### Gerard van Nes

*Verslag TeX* (Dutch), MAPS 1, 1988, 1-10

**keywords:** verslag, members meeting

**abstract:** Opening en Mededelingen; Introductie deelnemers; Brainstorming TeX

aandachtsgebieden; Instellen werkgroepen voor de aandachtsgebieden; Formele zaken; Rondvraag; Sluiting.

[1\\_1.pdf](#) (126 KB)

### anon.

*Listserver* (Dutch), MAPS 1, 1988, 13-14

**keywords:** listserver, tex-nl

**abstract:** Overzicht gebruikers listserver.

[1\\_2.pdf](#) (55 KB)

### anon.

*TeXHaX* (English), MAPS 1, 1988, 15-16

**keywords:** TeXHax, mailing list, listserver

**abstract:** Information on subscribing to TeXHax.

[1\\_3.pdf](#) (41 KB)

### anon.

*TeX publications information* (English), MAPS 1, 1988, 17-20

**keywords:** publications, mailing list, listserver

**abstract:** Information on TeX mailing lists.

[1\\_4.pdf](#) (49 KB)

### Gerard van Nes

*MAPS 89.1* (Dutch/English), MAPS 2, 1989, 1-52

**keywords:** NTG, MAPS, Minutes & Appendices

**abstract:** NTG's magazine

[maps2.pdf](#) (317 KB)

### Gerard van Nes

*Verslag (1989/1)* (Dutch), MAPS 2, 1989, 2-12

**keywords:** verslag, members meeting

**abstract:** Opening; Agenda bijeenkomst 23 juni 1988; Ingekomen stukken en Mededelingen; Ledenbestand status en contributie; Vragen gebruikers; Verslag/discussie werkgroepen; Rondvraag; Presentaties; Sluiting.

[2\\_1.pdf](#) (145 KB)

### anon.

*Werkgroepen Nederlandse TeX gebruikersgroep* (Dutch), MAPS 2, 1989, 13-14

**keywords:** working group

**abstract:** Verslag werkgroepen.

[2\\_2.pdf](#) (68 KB)

**anon.**

*Besluitenlijst* (Dutch), MAPS 2, 1989, 15

**keywords:** NTG decisions

[2\\_3.pdf](#) (52 KB)

**anon.**

*Lijst actiepunten* (Dutch), MAPS 2, 1989, 15

**keywords:** actions

[2\\_4.pdf](#) (52 KB)

**Theo de Klerk**

*VAX DOCUMENT* (Dutch), MAPS 2, 1989, 17

**keywords:** VAX DOCUMENT

**abstract:** VAX DOCUMENT is een commerciële toepassing die op TeX gebaseerd is.

Aanvankelijk binnen Digital Equipment Co. ontwikkeld voor intern gebruik voor productie van alle VAX/VMS documentatie en s/w producten, maar nu ook in gebruikerslicentie voor VAX/VMS gebruikers verkrijgbaar. Vanaf VMS V4 is het resultaat hiervan te zien.

[2\\_5.pdf](#) (62 KB)

**Theo de Klerk**

*Boeken over TeX* (Dutch), MAPS 2, 1989, 19-20

**keywords:** book review

**abstract:** Bespreking 'Einführung in TeX' (Norbert Schwartz); 'TeX für Fortgeschrittene' (Wolfgang Appelt); 'LaTeX eine Einführung' (Helmut Kopka); 'Kompaktführer LaTeX' (Reinhard Wonneberger)

[2\\_6.pdf](#) (71 KB)

**anon.**

*TeX-NL ledenlijst* (Dutch), MAPS 2, 1989, 21-22

**keywords:** listserv, tex-nl

**abstract:** Overzicht gebruikers listserv.

[2\\_7.pdf](#) (52 KB)

**Gerard van Nes**

*MAPS 89.2* (Dutch/English), MAPS 3, 1989, 1-68

**keywords:** NTG, MAPS, Minutes & Appendices

**abstract:** NTG's magazine

[maps3.pdf](#) (943 KB)

**Gerard van Nes**

*Verslag (1989/2)* (Dutch), MAPS 3, 1989, 2-8

**keywords:** verslag, members meeting

**abstract:** Opening; Verslag bijeenkomst 24 november 1988; Ingekomen stukken en

Mededelingen; Verenigingszaken; Verslag/discussie werkgroepen; Vragen gebruikers; Rondvraag; Presentatie Océ 6750 (TeX)-laserprinter; Sluiting.

[3\\_1.pdf](#) (125 KB)

**anon.**

*Werkgroepen Nederlandstalige TeX gebruikersgroep* (Dutch), MAPS 3, 1989, 9-10

**keywords:** working group

**abstract:** Verslag werkgroepen.

[3\\_2.pdf](#) (62 KB)

**anon.**

*Besluitenlijst* (Dutch), MAPS 3, 1988, 11

**keywords:** NTG decisions

[3\\_3.pdf](#) (39 KB)

**anon.**

*Lijst actiepunten* (Dutch), MAPS 3, 1989, 11

**keywords:** actions

[3\\_4.pdf](#) (39 KB)

**anon.**

*Ontvangen local guides en andere TeX documenten* (Dutch), MAPS 3, 1989, 12

**keywords:** local guide

**abstract:** Overzicht ontvangen local guides.

[3\\_5.pdf](#) (69 KB)

**anon.**

*TeX-NL subscription* (Dutch), MAPS 3, 1989, 13-14

**keywords:** listserver, tex-nl

**abstract:** Overzicht gebruikers listserver.

[3\\_6.pdf](#) (68 KB)

**anon.**

*NTG fileserver faciliteiten* (Dutch), MAPS 3, 1989, 15-18

**keywords:** fileserver

**abstract:** Overzicht inhoud NTG fileserver.

[3\\_7.pdf](#) (74 KB)

**anon.**

*Vragen van gebruikers* (Dutch), MAPS 3, 1989, 19-24

**keywords:** user questions

**abstract:** Deze bijlage bevat de 'vragen van de gebruikers' die gesteld zijn ten tijde van de NTG vergadering van mei 1989.

[3\\_8.pdf](#) (64 KB)

**Marius Broeren, Jan van Knippenberg**

*High Quality Printing of TeX-DVI* (English), MAPS 3, 1989, 25-28

**keywords:** high quality printing, Océ, laser printers, Digital Equipment

**abstract:** Deze bijlage bevat de presentatie van Océ, gehouden op de NTG bijeenkomst van 11 mei 1989.

[3\\_9.pdf](#) (115 KB)

**Piet Roes**

*A dBase III+ programme to generate a journal* (English), MAPS 3, 1989, 29-30

**keywords:** dBase

**abstract:** This is a note about the implementation of a combination of dBase III+ and TeX.

[3\\_10.pdf](#) (90 KB)

**Kees van der Laan**

*TeX en SGML* (English), MAPS 3, 1989, 31-42

**keywords:** math, SGML, tables

**abstract:** The markup of document elements via SGML is demonstrated with a few examples.

[3\\_11.pdf](#) (243 KB)

**Geerd Haayer**

*Ervaringen met fotozetters* (Dutch), MAPS 3, 1989, 43-44

**keywords:** fotozetters, Linotronic, PostScript

**abstract:** Sinds enige tijd bestaat de mogelijkheid om bij A.J. Scholten -- Transcripta fotozetsel van TeX/dvi-files te laten maken. Het grote voordeel van Transcripta is dat er uitsluitend met TeX gewerkt wordt en derhalve zeer veel deskundigheid bij het bedrijf in huis is. Men beschikt over een Linotronic 100, die een resolutie levert van 1270 dpi.

[3\\_12.pdf](#) (78 KB)

**Kees van der Laan**

*Verslag GUTenberg (16/17 mei 1989)* (Dutch), MAPS 3, 1989, 45-48

**keywords:** GUTenberg, verslag

**abstract:** Thema: Grafische zaken en (La)TeX, met name picture omgeving en PostScript.

[3\\_13.pdf](#) (140 KB)

**Kees van der Laan**

*One year NTG; presentatie NTG in Utrecht en Karlsruhe* (English), MAPS 3, 1989, 49-56

**keywords:** activities, NTG, EuroTeX

**abstract:** A history of the start of the NTG is given along with a survey of this first years' activities. The relation of NTG to other TUGs is also dealt with.

[3\\_14.pdf](#) (201 KB)

**Victor Eijkhout, Nico Poppelier**

*Verslag Nederlandse TeX dagen (29/30 juni 1989)* (English), MAPS 3, 1989, 57-60

**keywords:** NTG, meeting

**abstract:** The Dutch TeX Users Group, in Dutch 'Nederlandse TeX Gebruikersgroep' or NTG, was started about one year ago in Groningen. At the meeting in the autumn of 1988 it was decided to have a first presentation to 'the outside world' in the summer of 1989.

[3\\_15.pdf](#) (145 KB)

**Kees van der Laan**

*Verslag Stanford conferentie (20/23 aug 1989)* (Dutch), MAPS 3, 1989, 61-68

**keywords:** TUG conference, WEB, literate programming, publiceer-omgeving, math reviews, status TeX, TeX3, LaTeX, PostScript

**abstract:** Inhoudelijk: -- TeX wordt aangepast o.a. ligaturen en =====;-- LaTeX aanpassing wordt niet door Leslie Lamport opgepakt, Frank M? Organisatorisch: -- Lokale voorzitters vice presidents van BoD van TUG;-- TUGboat artikelen nu ook met Duitse samenvatting;-- Michael F coordinator multilingual aspecten;-- TeXHaX distributie onder auspiciën van TUG. Producten: -- TeX templates bij Hope Hamilton;-- Wordperfect-LaTeX macro's bij Anita Hoover (of mij);-- Michael D's Gentle TeX beschikbaar (of mij);-- KWIC van LaTeX en TeX opdrachten beschikbaar als Bell rapport;-- ArborTeXt's The Publisher volwassen.

[3\\_16.pdf](#) (191 KB)

**Gerard van Nes**

*MAPS 90.1* (Dutch/English), MAPS 4, 1990, 1-88

**keywords:** NTG, MAPS, Minutes & Appendices

**abstract:** NTG's magazine

[maps4.pdf](#) (546 KB)

**Gerard van Nes**

*Verslag (1990)* (Dutch), MAPS 4, 1990, 3-9

**keywords:** verslag, members meeting

**abstract:** Opening; Verslag bijeenkomst 11 mei 1989; Ingekomen stukken en Mededelingen; Verslag/discussie werkgroepen; Verenigingszaken; Rondvraag; Sluiting.

[4\\_1.pdf](#) (60 KB)

**anon.**

*Besluitenlijst* (Dutch), MAPS 4, 1990, 10

**keywords:** NTG decisions

[4\\_2.pdf](#) (8 KB)

**anon.**

*TeX kalender* (Dutch), MAPS 4, 1990, 10

**keywords:** calendar

[4\\_3.pdf](#) (8 KB)

**anon.**

*Werkgroepen Nederlandstalige TeX Gebruikersgroep* (Dutch), MAPS 4, 1990, 11-12

**keywords:** working group

**abstract:** Verslag werkgroepen.

[4\\_4.pdf](#) (15 KB)

**anon.**

*Begroting NTG 1990* (Dutch), MAPS 4, 1990, 13-14

**keywords:** budget

[4\\_5.pdf](#) (15 KB)

**anon.**

*Ontvangen local guides en andere TeX documenten* (Dutch), MAPS 4, 1990, 15

**keywords:** local guide

**abstract:** Overzicht ontvangen local guides.

[4\\_6.pdf](#) (17 KB)

**anon.**

*TeX-NL subscription* (Dutch), MAPS 4, 1990, 16-18

**keywords:** listserver, tex-nl

**abstract:** Overzicht gebruikers listserver.

[4\\_7.pdf](#) (16 KB)

**anon.**

*NTG fileserver faciliteiten* (Dutch), MAPS 4, 1990, 19-22

**keywords:** fileserver

**abstract:** Overzicht inhoud NTG fileserver.

[4\\_8.pdf](#) (20 KB)

**anon.**

*Vragen van gebruikers* (Dutch), MAPS 4, 1990, 23-26

[4\\_9.pdf](#) (14 KB)

**anon.**

*NTG Software Distributie Service* (Dutch), MAPS 4, 1990, 27-28

**keywords:** software distributie

[4\\_10.pdf](#) (17 KB)

**anon.**

*NTG DOS-diskette Distributie Service* (Dutch), MAPS 4, 1990, 29-30

**keywords:** DOS, disks, distribution

[4\\_11.pdf](#) (17 KB)

**anon.**

*Announcement TeX90 Conference* (English), MAPS 4, 1990, 31-32

**keywords:** conference announcement, Cork

**abstract:** The 1990 TeX meeting in Europe is the fifth such conference organised since 1985. It also breaks new ground as the first to be a TeX Users Group (TUG) meeting outside North America. The TeX computer typesetting program is now widely established as the de facto standard in scientific, educational and commercial use for the setting of documents requiring very high standards of typographic control, particularly technical documents, and for applications where high quality, portability and device-independence are of importance.

[4\\_12.pdf](#) (19 KB)

**Kees van der Laan, Theo Jurriens, Jan Maasdam, J. Bleeker**

*Announcement SGML & TeX Conference* (English), MAPS 4, 1990, 33-34

**keywords:** SGML, conference announcement, courses

**abstract:** Announcement of joint SGML User Group Holland and NTG meeting. Several courses are offered. Two parallel streams of lectures, one mainly devoted to SGML and the other to TeX.

[4\\_13.pdf](#) (18 KB)

**diverse auteurs**

*Courses SGML & TeX Conference* (English), MAPS 4, 1990, 35-42

**keywords:** courses, SGML, conference

[4\\_14.pdf](#) (59 KB)

**anon.**

*TeX-NL discussies* (Dutch), MAPS 4, 1990, 43-46

**keywords:** listserver, tex-nl

**abstract:** Overzicht gebruikers listserver.

[4\\_15.pdf](#) (20 KB)

**anon.**

*Working group 1: Education; State of affairs* (English), MAPS 4, 1990, 47-51

**keywords:** working group, education

**abstract:** An impression of what has been done by members of the WG, and others, is given. Members: C.G. van der Laan (coord.), T. Biegstraaten, G. Haayer, J.R. Luyten, P. Tutelaers. Known -- through december 1989 -- courseware and TeX-related (Dutch) courses are mentioned in appendices.

[4\\_16.pdf](#) (39 KB)

**anon.**

*Werkgroep 7: PC-zaken* (Dutch), MAPS 4, 1990, 52

**keywords:** working group, PC, MS-DOS

**abstract:** Verslag werkgroep 7: PC-zaken.

[4\\_17.pdf](#) (7 KB)

**anon.**

*Werkgroep 10: SGML-TeX* (English), MAPS 4, 1990, 53-54

**keywords:** working group, SGML

**abstract:** An impression of what has been done by members of the WG is given. Members: C.G. van der Laan (coord.), T. Biegstraaten, J. Bleeker, D.C. Coleman, J. Grootenhuis. Prospects: Publishing houses strongly believe in the 'marriage' of SGML and TeX.

[4\\_18.pdf](#) (11 KB)

**anon.**

*Werkgroep 13: 'Neerlandica'* (Dutch), MAPS 4, 1990, 55-56

**keywords:** working group, dutch

**abstract:** Verslag werkgroep 13: 'Neerlandica'.

[4\\_19.pdf](#) (17 KB)

**anon.**

*Werkgroep 14: Communicatie* (Dutch), MAPS 4, 1990, 57-60

**keywords:** working group, communication

**abstract:** Verslag werkgroep 14: Communicatie.

[4\\_20.pdf](#) (28 KB)

**Johannes Braams, Victor Eijkhout, Nico Poppelier**

*The Development of National LaTeX styles* (English), MAPS 4, 1990, 61-66

**keywords:** LaTeX, national styles

**abstract:** In its autumn 1988 meeting, the Dutch TeX users group (NTG) established a working group (number 13) that was to concentrate on the problems involved in the use of TeX for Dutch TeXts. Since then the working group, which includes the authors, has created a number of style options for LaTeX that remedy some common problems with the non-English use of LaTeX, and is on its way developing document styles that are compatible with the standard styles, but have a layout that is more palatable for Dutch users. In this article we treat implementation aspects of the styles and style options, and we discuss some matters of layout.

[4\\_21.pdf](#) (48 KB)

**Victor Eijkhout**

*Unusual paragraph shapes* (English), MAPS 4, 1990, 67-70

**keywords:** paragraph shapes

**abstract:** Although the TeXbook states that TeX's paragraph mechanism 'can be harnessed to a surprising variety of tasks', the strangest paragraph shapes that I have implement use no feature of the line-breaking algorithm. Instead, I have found that the control sequences `\everypar` and `\lastbox` are extremely powerful tools. I give three examples of this.

[4\\_22.pdf](#) (28 KB)

**Nico Poppelier**

*Ingekomen brief* (Dutch), MAPS 4, 1990, 71-72

**keywords:** LaTeX cursussen

[4\\_23.pdf](#) (9 KB)

**Johannes Braams, Kees van der Laan**

*EuroTeX 89* (Dutch), MAPS 4, 1990, 73-76

**keywords:** EuroTeX, conference

**abstract:** Algemeen: -- Polen stal de harten; Organisatorisch: -- Veranderingen LaTeX, gecoördineerd door Frank M. en Jan R.;-- Teaching TeX in discussie;-- Cork bijeenkomst voorbereid;-- Zowel PD als commerciële TeX activiteiten nodig;-- Een Nederlandse vertaling van Schwarz's Einführung in TeX is op komst;-- Leerzaam handout voor potentiële DANTE leden, inclusief questionnaire;-- Quixote Oriental Fonts project (Hosek); Producten: -- Schroder's changebars macro;-- Thull's MS-DOS PD TeX;-- TeX-omgevingen: PCTeXE (MS-DOS), TeXE (AOS/VS), CEO-TeXE (Data General).

[4\\_24.pdf](#) (23 KB)

### Kees van der Laan

*Teaching TeX: Critics & LaTeX proposal* (English), MAPS 4, 1990, 77-82

**keywords:** education, courseware, modules

**abstract:** Some critics -- mainly LaTeX based -- on the approach are given: TeXnically driven instead of result driven. Also is notified the omission of a general pedagogical method to be used. Furthermore, it is urged to have unified courseware. A set of LaTeX courses is proposed. No test set is included. The underlying idea of having TUG certified courses world-wide is strongly endorsed.

[4\\_25.pdf](#) (56 KB)

### Victor Eijkhout, Nico Poppelier

*Wat is TeX?* (Dutch), MAPS 4, 1990, 83-88

**abstract:** In de huidige tijd van WYSIWYG 'desktop publishing' systemen lijkt het vreemd een systeem te propageren met honderden, vaak ingewikkelde, instructies. Wat het tekstopmaakstelsel TeX desondanks aantrekkelijk maakt, is het feit dat het programmeerbaar is: de basisinstructies kunnen worden samengevoegd tot zeer gecompliceerde instructies die een eenmaal ontworpen opmaak geheel automatisch feilloos reproduceren. Hierdoor hoeft de gebruiker uitsluitend nog de structuur van het document aan te geven en niet de vormgeving, het uiterlijk, ervan. Met deze gedachte sluit TeX nauw aan bij recente ontwikkelingen in de uitgeverwereld omtrent SGML.

[4\\_26.pdf](#) (48 KB)

### Gerard van Nes

*MAPS 90.2* (Dutch/English), MAPS 5, 1990, 1-146

**keywords:** NTG, MAPS, Minutes & Appendices

**abstract:** NTG's magazine

[maps5.pdf](#) (1481 KB)

### anon.

*Besluitenlijst* (Dutch), MAPS 5, 1990, 9

**keywords:** NTG decisions

[5\\_1.pdf](#) (8 KB)

### anon.

*TeX kalender* (Dutch), MAPS 5, 1990, 9

**keywords:** calendar

[5\\_3.pdf](#) (8 KB)

### anon.

*Werkgroepen NTG* (Dutch), MAPS 5, 1990, 10-11

**keywords:** working group

**abstract:** Verslag werkgroepen.

[5\\_4.pdf](#) (15 KB)

### anon.

*Ontvangen Local Guides en andere TeX documenten* (Dutch), MAPS 5, 1990, 12

**keywords:** local guide

**abstract:** Overzicht ontvangen local guides.

[5\\_5.pdf](#) (17 KB)

### anon.

*TeX-NL subscription* (Dutch), MAPS 5, 1990, 13-15

**keywords:** listserver, tex-nl

**abstract:** Overzicht gebruikers listserver.

[5\\_6.pdf](#) (16 KB)

**anon.**

*NTG fileserver faciliteiten* (Dutch), MAPS 5, 1990, 16-20

**keywords:** fileserver

**abstract:** Overzicht inhoud NTG fileserver.

[5\\_7.pdf](#) (23 KB)

**Piet van Oostrum**

*TeX stuff at cs.ruu.nl* (English), MAPS 5, 1990, 21-26

**keywords:** FTP, archives, mailserver, software

**abstract:** Here is a brief description of our archive of TeX stuff. The archive is available by FTP and by mail server. It contains various things, a.o. Atari ST software, GNU software, some Unix software and a lot of TeX things. I will concentrate on the TeX stuff in this message.

[5\\_8.pdf](#) (52 KB)

**anon.**

*NTG Software Distributie Service* (Dutch), MAPS 5, 1990, 27-28

**keywords:** NTG, distribution, software

**abstract:** Deze bijlage beschrijft een aantal distributie-services die door enkele NTG leden worden uitgevoerd.

[5\\_9.pdf](#) (21 KB)

**anon.**

*NTG DOS-diskette Distributie Service* (Dutch), MAPS 5, 1990, 29-30

**keywords:** MS-DOS, disks, distribution

[5\\_10.pdf](#) (18 KB)

**Jos Winnink**

*Werkgroep 7: PC-zaken; TeX voor MS/PC-DOS PC's* (Dutch), MAPS 5, 1990, 31-34

**keywords:** working group, PC, MS-DOS, Atari

**abstract:** Activiteiten van werkgroep 7: PC-zaken.

[5\\_11.pdf](#) (40 KB)

**Kees van der Laan**

*Werkgroep 8: NTG gebruikersdag; SGML-TeX Seminar* (Dutch), MAPS 5, 1990, 35-36

**keywords:** working group, SGML, seminar

**abstract:** Terugblik op organisatie.

[5\\_12.pdf](#) (23 KB)

**anon.**

*Working group 13: 'Neerlandica'* (Dutch), MAPS 5, 1990, 37-38

**keywords:** Neerlandica

**abstract:** Verslag werkgroep 13: 'Neerlandica'.

[5\\_13.pdf](#) (22 KB)

**David Osborne**

*SGML-TeX conference, Groningen* (English), MAPS 5, 1990, 39-42

**keywords:** SGML, conference

**abstract:** For their second full-day international meeting, the Nederlandstalige TeX Gebruikersgroep (NTG) organised, in conjunction with the Dutch SGML Users Group, a conference intended to focus interest on the use of TeX and SGMLtogether. On August 31st, approximately 100 delegates from both 'camps' attended the day's events in Groningen, with what seemed a good balance between SGML-ers and TeXies.

[5\\_14.pdf](#) (48 KB)

**Joop van Gent**

*Two faces of TeXt* (English), MAPS 5, 1990, 43-48

**keywords:** databases, document retrieval, searching, logical structure

**abstract:** TeX as a programming tool for advanced document retrieval systems.



[5\\_15.pdf](#) (75 KB)

**Frank Mittelbach, Rainer Schöpf**

*Towards LaTeX 3.0* (English), MAPS 5, 1990, 49-54

**keywords:** LaTeX3

**abstract:** LaTeX is a very valuable tool for document composition. As a TeX macro package, it is unique in its concept of logical commands, at the same time retaining enough flexibility with visually oriented commands to allow the user a relatively easy correction of an automatically chosen layout. This fact makes it far superior to the plain and AMS-TeX macro packages when it comes to professional applications. Therefore the LaTeX re-implementation project is certainly one of the most important efforts to 'expand TeX's horizon'. This is the place to link TeX with the modern developments like SGML. This paper describes the current status of the re-implementation of LaTeX.

[5\\_16.pdf](#) (86 KB)

**Amy Hendrickson**

*Getting TeXnical: Insight into TeX Macro Writing Techniques* (English), MAPS 5, 1990, 55-66

**keywords:** techniques

**abstract:** Most of us understand the basic form of TeX macros but that understanding alone is often inadequate when we need to solve certain problems. We need additional insight to be able to develop methods of passing information, moving TeXt with changed catcodes, preserving blank lines, and more. Writing a large macro package brings in a new set of issues: how to avoid bumping into implementation restrictions, e.g., constraints of hash size, string size, and others; how to make a pleasant user interface; how to make your code as concise as possible. Some of the techniques to be discussed here include making a macro with a variable number of arguments; changing catcodes in macros, defining a macro whose argument is intentionally never used; conserving hash size by using counters instead of newifs; csname techniques and non-outer dynamic allocation; and table making techniques. Finally, some suggestions are included on methods to use when developing new macros.

[5\\_17.pdf](#) (211 KB)

**Victor Eijkhout, Andries Lenstra**

*The Document Style Designer as a Separate Entity* (English), MAPS 5, 1990, 67-70

**keywords:** style design

**abstract:** An argument for the need for a programmable meta format: a format that introduces a new syntactic level in TeX for document style designers.

[5\\_18.pdf](#) (34 KB)

**Johannes Braams, Victor Eijkhout, Nico Poppelier**

*The Dutch national LaTeX effort* (English), MAPS 5, 1990, 71-74

**keywords:** LaTeX, dutch

**abstract:** In this article an overview is given of the activities of working group 13 (WG 13) of the 'Nederlandstalige TeX Gebruikersgroep' (Dutch TeX Users Group). This working group is also called 'Neerlandica', and is interested in anything that has something to do with using LaTeX (and TeX) in a non-American environment. The topics tackled so far range from the design of a page layout suitable for A4 paper by adapting the American layout of article.sty to Dutch typographical tastes, to the implementation of a new letter style called 'brief'.

[5\\_19.pdf](#) (46 KB)

**Barbara Beeton**

*TUGboat production: TeX, LaTeX, and paste-up* (English), MAPS 5, 1990, 77-84

**keywords:** TUGboat, production

**abstract:** TUGboat has now completed more than ten years of publication. Starting with TeX78 and an electrostatic printer and progressing through increasingly versatile software and hardware, the authors have kept us challenged, both with the content that the reader sees and the little tricks that happen 'under the covers'. This talk will be a survey of some of the milestones of TUGboat production, our editorial philosophy, what we've learned about what TeX can and cannot do, and some advice to authors and production editors of other publications.

[5\\_20.pdf](#) (83 KB)

### Jeroen Southberg

*SGML and TeX at Elsevier Science Publishers* (English), MAPS 5, 1990, 85-88

**keywords:** SGML, Elsevier, publishers

**abstract:** Contents: -- Introduction;-- ESP;-- Manuscript routing;-- Role of SGML;-- Role of ...TeX;-- Projects.

[5\\_21.pdf](#) (46 KB)

### Kees van der Laan

*NTG's second year* (English), MAPS 5, 1990, 89-90

**keywords:** activities, NTG, EuroTeX

**abstract:** A survey of NTG's activities in its second year is enumerated.

[5\\_22.pdf](#) (26 KB)

### Joachim Lammarsch

*Development of DANTE e.V.* (English), MAPS 5, 1990, 91-92

**keywords:** Dante

[5\\_23.pdf](#) (20 KB)

### Kees van der Laan

*Verlag GUTenberg '90* (Dutch), MAPS 5, 1990, 93-98

**keywords:** GUTenberg

**abstract:** Waarnemingen/beslissingen: -- Zusterclubs zijn automatisch lid van elkaar;-- DANTE en GUTenberg 100% gegroeid;-- TUGlib wordt uitgebreid met TeX bibliografie; Producten/macros: -- Zetten commutator diagrammen via LaTeX;-- Ook muziek zetten nu via TeX;-- Zetten van (ADA, ...) programma's;-- Zetten van bridge literatuur;-- Voor multilingual TeX3.0 is MLTeX nog nodig;-- TeX in kleur?

[5\\_24.pdf](#) (71 KB)

### Kees van der Laan

*Board-of-Directors and Euro-Summit at Cork90* (English), MAPS 5, 1990, 99-102

**keywords:** EuroTeX, board-of-directors, Cork

**abstract:** TUG organizational: -- TUG is really open now;-- Working Groups will be sent off with better task descriptions and reporting time schedules; -- How to fulfil better membership needs is proposed;-- A scholarly TUGboat and a separate newsletter is proposed; Topical TUGboat issues are under consideration; -- No increased membership/postage fees for those outside USA;-- The dangling reciprocal membership question is near to a pilot study;-- BoD can operate faster because of adoption of voting by e-mail;-- An extended membership directory is asked for;-- A resource directory is asked for;-- Maintenance/evolution of TeX etc. software must be handled by TUG and LUGs; DEK and LL are out of it!-- More attention will be paid to PR activities: Welcome c.q. Information/Demo packets will be prepared; Euro-Summit: -- Eastern and Western European countries will exchange information;-- A status report, Euro-Summit Cork90 (?), will appear with contact addresses and status reports.

[5\\_25.pdf](#) (47 KB)

### Nico Poppelier, Kees van der Laan

*Report European TeX conference Cork90* (English), MAPS 5, 1990, 103-108

**keywords:** conference, Cork, EuroTeX

**abstract:** The following was on at this joint TUG90 and EuroTeX90 meeting at Cork. HyperTeXt and TeX. Cork encoding scheme for 8 bit fonts. Halftone output from TeX. Macro writing in TeX, especially Getting TeXnical. The Dutch TeX efforts were reported. The issue of a TeX archive was raised again. TeXt around figures in LaTeX. Document design and style development. Proposals for LaTeX3.0. SGML and TeX for tables and Math. Graphics and TeX, such as PiCTeX use, tif format and pk files. Old german fonts. BiBTeX requirements. Discussion of TeX books. The question of TeX at schools was raised.

[5\\_26.pdf](#) (69 KB)

### Huub Mulders

*TeX structuurschema's* (Dutch), MAPS 5, 1990, 109-112

**keywords:** filetypes, coherence, structure

**abstract:** Overzicht van de structuur van TeX en METAFONT en de bijbehorende bestandstypen.  
[5\\_27.pdf](#) (24 KB)

**anon.**

*The 1990 DECUS TeX Collection* (English), MAPS 5, 1990, 113-114

**keywords:** Decus

**abstract:** The DECUS Languages and Tools SIG Public Domain Working Group and the Electronic Publishing SIG TeX/LaTeX/WEB Working Group are proud to announce the 1990 DECUS TeX Collection. This collection offers nearly everything a TeX User would want on their system for TeX.

[5\\_28.pdf](#) (21 KB)

**Victor Eijkhout**

*New books on TeX (1)* (English), MAPS 5, 1990, 115-117

**keywords:** book review

**abstract:** Review of 'Introduction to TeX' (Jost Krieger, Norbert Schwartz), 'TeX for the advanced' (Wolfgang Appelt), 'TeX for the impatient' (Paul Abrahams).

[5\\_29.pdf](#) (35 KB)

**Victor Eijkhout**

*An indentation scheme* (English), MAPS 5, 1990, 118-121

**keywords:** indentation, paragraph

**abstract:** Indentation is one of the simpler things in TeX: if you leave one input line open you get a new paragraph, and it is indented unless you say `\noindent`. And if you get tired of writing `\noindent` all of the time, you declare `\parindent=0pt` at the start of your document. Easy. More sophisticated approaches to indentation are possible, however. In this article I will sketch a quite general approach that can easily be incorporated in existing macro packages. For a better appreciation of what goes on, I will start with a tutorial section on what happens when TeX starts a paragraph.

[5\\_30.pdf](#) (36 KB)

**Victor Eijkhout**

*A parskip scheme* (English), MAPS 5, 1990, 122-124

**keywords:** `\bgroup\ptchar`, `\egroup` `\parskip`, `\bgroup\ptchar`, `\egroup` `\everypar`, paragraph, skips

**abstract:** In this article I will present an approach that unifies the paragraph skip and the white spaces surrounding various environments. Since the macros given below make use of the `\everypar` token list, this article may be seen as a sequel to an earlier paper on an indentation scheme, which is based on a similar principle. The `\everypar` parameter was explained there.

[5\\_31.pdf](#) (35 KB)

**Kees van der Laan**

*SGML (,TeX and ...)* (English), MAPS 5, 1990, 125-140

**keywords:** SGML

**abstract:** What SGML (and TeX) is all about is given in a nutshell. Markup of example document elements, by SGML and LaTeX, are provided. Coupling SGML to TeX is considered by direct translation and by the intermediate procedural markup phase. Interfacing SGML to (La)TeX is also addressed. Some guidelines are provided in order to decide when SGML, or TeX (alone, both, or neither) might be beneficial. It is a 3-in-1 paper: what is SGML and TeX all about, examples of marked up copy in SGML and (La)TeX and the coupling issues, finished up with a literature compilation.

[5\\_32.pdf](#) (158 KB)

**Nico Poppelier**

*SGML en TeX in scientific publishing* (English), MAPS 5, 1990, 141-144

**keywords:** SGML, scientific publishing

**abstract:** Elsevier Science Publishers has for a few years investigated the possibility of accepting compuscripts, a manuscript in electronic form, created with TeX, LaTeX and a few other TeX processing systems, and converting these to SGML form. This paper will discuss the current status

of these activities, the reasons for converting compuscripts to SGMLform, and the various ways in which TeX is used.

[5\\_33.pdf](#) (54 KB)

#### Donald Knuth

*The future of TeX and METAFONT* (English), MAPS 5, 1990, 145-146

**keywords:** future

**abstract:** My work on developing TeX, METAFONT, and Computer Modern has come to an end. I will make no further changes except to correct extremely serious bugs.

[5\\_34.pdf](#) (15 KB)

#### Gerard van Nes

*MAPS 91.1* (Dutch/English), MAPS 6, 1991, 1-117

**keywords:** NTG, MAPS, Minutes & Appendices

**abstract:** NTG's magazine

[maps6.pdf](#) (1243 KB)

#### Gerard van Nes

*Verslag (1991/1)* (Dutch), MAPS 6, 1991, 3-10

**keywords:** verslag, members meeting

**abstract:** Opening; Verslag bijeenkomst 11 mei 1990; Ingekomen stukken en Mededelingen; Stand van zaken Europese samenwerking/TUG international; Verslag/discussie werkgroepen; Verenigingszaken; Rondvraag; SGML (TeX and ...); Sluiting.

[6\\_1.pdf](#) (91 KB)

#### anon.

*TeX kalender* (Dutch), MAPS 6, 1991, 10

**keywords:** calendar

[6\\_2.pdf](#) (8 KB)

#### anon.

*Werkgroepen NTG* (Dutch), MAPS 6, 1991, 11-12

**keywords:** working group

**abstract:** Verslag werkgroepen.

[6\\_3.pdf](#) (14 KB)

#### Gerard van Nes

*Jaarverslag NTG 1990* (Dutch), MAPS 6, 1991, 13-14

**keywords:** report NTG

[6\\_4.pdf](#) (23 KB)

#### Johannes Braams

*Financieel verslag 1990* (Dutch), MAPS 6, 1991, 15-16

**keywords:** financial report

[6\\_5.pdf](#) (21 KB)

#### Johannes Braams

*Concept begroting 1991* (Dutch), MAPS 6, 1991, 17

**keywords:** budget

[6\\_6.pdf](#) (19 KB)

#### anon.

*TeX-NL subscription* (Dutch), MAPS 6, 1991, 18-20

**keywords:** tex-nl, mailing list

**abstract:** Overzicht gebruikers listserver.

[6\\_7.pdf](#) (17 KB)

#### anon.

*NTG fileserver faciliteiten* (Dutch), MAPS 6, 1991, 21-26

**keywords:** fileserver

**abstract:** Overzicht inhoud NTG fileserver.

[6\\_8.pdf](#) (27 KB)

#### Kees van der Laan

*Van de Voorzitter (1991/1)* (Dutch), MAPS 6, 1991, 27-28

**keywords:** chairman

**abstract:** TeX Nationaal en Internationaal. Oftewel: wat gebeurt er allemaal?

[6\\_9.pdf](#) (26 KB)

**anon.**

*WG 1: Education* (English), MAPS 6, 1991, 29-32

**keywords:** working group, education

**abstract:** Verslag werkgroep 1: Educatie.

[6\\_10.pdf](#) (54 KB)

**Erik-Jan Vens, Jos Winnink**

*WG 4: Fonts* (Dutch), MAPS 6, 1991, 33-36

**keywords:** working group, fonts, METAFONT

**abstract:** Activiteiten van de werkgroep Fonts.

[6\\_11.pdf](#) (47 KB)

**Theo Jurriens**

*WG 6: Lijst en link met fotozetters* (Dutch), MAPS 6, 1991, 37

**keywords:** working group, photo typesetter, inventory

**abstract:** Verslag werkgroep 6.

[6\\_12.pdf](#) (15 KB)

**Kees van der Laan**

*Brief aan PC werkgroep: Enige suggesties voor WG-PC's* (Dutch), MAPS 6, 1991, 41-42

**keywords:** working group, PC, MS-DOS

**abstract:** Voorgesteld wordt een praktisch set voor de PC's beschikbaar te stellen, en de educatie daar op af te stemmen.

[6\\_14.pdf](#) (27 KB)

**Joop van Gent**

*WG 8: NTG conferentie* (Dutch), MAPS 6, 1991, 43

**keywords:** working group, conference

[6\\_15.pdf](#) (12 KB)

**Kees van der Laan**

*WG 10: SGML-TeX: Imposing structure upon TeX* (English), MAPS 6, 1991, 44-46

**keywords:** working group, SGML, structuring

**abstract:** Imposing structure upon TeX.

[6\\_16.pdf](#) (42 KB)

**Henk Brouwer, J.A. Jager, P. Sader**

*Gebruik van TeX binnen het EGD* (Dutch), MAPS 6, 1991, 47

**keywords:** EGD, Quatro, conversion, tables

**abstract:** Conversie van tabellen binnen Quatro naar TeX; het gebruik van macros binnen het EGD.

[6\\_17.pdf](#) (14 KB)

**Leo van Geest, Marion van Geest**

*Gebruik van TeX en LaTeX op het CAWCS* (Dutch), MAPS 6, 1991, 48-56

**keywords:** CAWCS

**abstract:** Overzicht van het gebruik van TeX op het CAWCS.

[6\\_18.pdf](#) (164 KB)

**Kees van der Laan**

*Math into BLUES* (English), MAPS 6, 1991, 57-74

**keywords:** BLUES, typesetting math

**abstract:** TeXing mathscripts is not simply typing. Math has to be translated into TeX commands. First the motivation for this work is given. Next traditional math page make-up is summarized along with the macroscopic math TeX commands. After answering 'Why TeXing mathscripts is difficult?' an anthology of TeX falls and their antidotes is discussed. At the end suggestions are given in order to lessen the difficulties.

[6\\_19.pdf](#) (268 KB)

**Bobby Bodenheimer**

*Frequently Asked Questions (I)* (English), MAPS 6, 1991, 85-92

**keywords:** frequently asked questions, FAQ, comp.TeXt.TeX

**abstract:** This article contains answers to some frequently asked questions on comp.TeXt.TeX. Please don't ask these questions again, as they've been answered many times before.

[6\\_21.pdf](#) (89 KB)

**Liam Quin**

*Summary of METAFONT Fonts Available* (English), MAPS 6, 1991, 93-98

**keywords:** METAFONT, fonts, availability

**abstract:** This report includes all known fonts available in METAFONT format, whether public domain or not. Archive sites for ftp are listed where known. There is also a BITNET archive at LISTSERV@UBVM.CC.BUFFALO.EDU.

[6\\_22.pdf](#) (56 KB)

**Piet van Oostrum**

*Program TeXt generation with TeX/LaTeX* (English), MAPS 6, 1991, 99-106

**keywords:** program TeXt generation

**abstract:** Web; Cweb; Fweb; Spiderweb; Tgrind; C2LaTeX; C++2LaTeX; Cprog/Csty macros; Program environment; SchemeTeX; Ada; Miscellaneous.

[6\\_23.pdf](#) (82 KB)

**Nico Poppelier**

*LaTeX for engineers and scientists (book review)* (English), MAPS 6, 1991, 107-108

**keywords:** LaTeX, engineers, scientists, book review

**abstract:** Review of 'LaTeX for engineers and scientists' by David J. Buerger.

[6\\_24.pdf](#) (32 KB)

**Victor Eijkhout**

*The structure of the TeX processor* (English), MAPS 6, 1991, 109-112

**keywords:** TeX processor, characters, tokens, lists, expansion

**abstract:** In this article I will describe the TeX processor as a multi-layered engine that successively transforms characters into tokens, tokens into lists, and from these lists builds a typeset page.

[6\\_25.pdf](#) (53 KB)

**Nelson Beebe**

*Comments on the Future of TeX and METAFONT* (English), MAPS 6, 1991, 113-117

**keywords:** future, TeX, METAFONT

[6\\_26.pdf](#) (62 KB)

**Gerard van Nes**

*MAPS 91.2* (Dutch/English), MAPS 7, 1991, 1-135

**keywords:** NTG, MAPS, Minutes & Appendices

**abstract:** NTG's magazine

[maps7.pdf](#) (1714 KB)

**Gerard van Nes**

*Verslag (1991/2)* (Dutch), MAPS 7, 1991, 3-9

**keywords:** verslag, members meeting

**abstract:** Opening; Verslag bijeenkomst 20 november 1990; Ingekomen stukken en Mededelingen; NTG jaarvergadering; Verslag/discussie werkgroepen; Rondvraag; NTG presentaties: 'TeX in de praktijk'; Sluiting.

[7\\_1.pdf](#) (85 KB)

**anon.**

*TeX kalender & Glossary* (Dutch), MAPS 7, 1991, 9

**keywords:** calendar, glossary

[7\\_2.pdf](#) (7 KB)

**anon.**

*Werkgroepen NTG* (Dutch), MAPS 7, 1991, 10-11

**keywords:** working group

**abstract:** Verslag werkgroepen.

[7\\_3.pdf](#) (11 KB)

**Johannes Braams**

*Begroting 1991 en 1992* (Dutch), MAPS 7, 1991, 12-13

**keywords:** budget

[7\\_4.pdf](#) (23 KB)

**anon.**

*TeX-NL subscription* (Dutch), MAPS 7, 1991, 14-16

**keywords:** tex-nl, mailing list

**abstract:** Overzicht gebruikers listserver.

[7\\_5.pdf](#) (17 KB)

**anon.**

*NTG fileserver faciliteiten* (Dutch), MAPS 7, 1991, 17-22

**keywords:** fileserver

**abstract:** Overzicht inhoud NTG fileserver.

[7\\_6.pdf](#) (28 KB)

**Kees van der Laan**

*Van de Voorzitter (1991/2)* (Dutch), MAPS 7, 1991, 23

**keywords:** chairman

[7\\_7.pdf](#) (22 KB)

**Kees van der Laan**

*NTG's continuation: The Third Year* (English), MAPS 7, 1991, 24-25

**keywords:** NTG, continuation, third year

**abstract:** An NTG year of activity parallels the Dutch academic year: September to September.

The membership increased by roughly 40% to circa 140 members of which 25 or so are institutional members. Due to the intermediate TeX course some financial reserve has been built up. NTG's third year can be characterized by 'continuation,' and the embarkation upon a multi-year project.

[7\\_8.pdf](#) (27 KB)

**Kees van der Laan**

*WG 1: Education; Contribution to TUG-LRP report* (English), MAPS 7, 1991, 26-32

**keywords:** working group, education, TUG-LRP

**abstract:** Worldwide TeX/METAFONT education is proposed with compatible modules, such that a user can plan an education path. A pool of teachers is proposed. How to address the problem of qualified teachers is touched upon.

[7\\_9.pdf](#) (84 KB)

**Kees van der Laan**

*WG 1: Education; Review Michael Doob's A Gentle* (English), MAPS 7, 1991, 33-35

**keywords:** book review, review

**abstract:** Review of Michael Doob's 'A Gentle Introduction to TeX'.

[7\\_10.pdf](#) (44 KB)

**Jos Winnink**

*WG 7: PC-zaken; TeX voor MS/PC-DOS PC's en Atari's* (Dutch), MAPS 7, 1991, 36

**keywords:** working group, PC, MS-DOS, Atari

**abstract:** Activiteiten van werkgroep 7: PC-zaken.

[7\\_11.pdf](#) (21 KB)

**David van Leeuwen**

*WG 13: 'Neerlandica'; The Right of ij to be a Ligature* (English), MAPS 7, 1991, 37-38

**keywords:** Neerlandica, ij-ligature

**abstract:** Discussion of the right of the Dutch 'ij' to be a ligature.

[7\\_12.pdf](#) (34 KB)

**Kees van der Laan**

*Enige Suggesties aan de Redactie van de MAPS* (Dutch), MAPS 7, 1991, 39-40

**keywords:** MAPS redactie

**abstract:** De functie van de MAPS wordt belicht en gerelateerd aan hoe dat te verwezenlijken. Punten aangestipt zijn: onjuiste afbrekingen, slecht-ogende automatische uitvullingen, en typos. Voorgestelde oplossing geen referee-mechanisme maar duidelijk aan de auteurs geven van wat van ze verwacht wordt plus overgaan op de nieuwere tools. Structureel is het te late verschijnen voorkomen vanwege het notulen-aspect: geen notulen geen vergadering.

[7\\_13.pdf](#) (27 KB)

**Piet Tutelaers**

*A Font and a Style for Typesetting Chess using LaTeX or TeX* (English), MAPS 7, 1991, 41-46

**keywords:** typesetting, chess, fonts

[7\\_14.pdf](#) (92 KB)

**Kees van der Laan**

*Typesetting Bridge via LaTeX* (English), MAPS 7, 1991, 47-50

**keywords:** bridge, LaTeX

**abstract:** LaTeX macros and a bidding environment for typesetting bridge card distributions and bidding sequences are given. Examples borrowed from bridge literature are supplied.

[7\\_15.pdf](#) (35 KB)

**Kees van der Laan**

*Typesetting Bridge via TeX* (English), MAPS 7, 1991, 51-62

**keywords:** bridge, plain TeX

**abstract:** Enhanced plain TeX macros and a bidding environment for typesetting bridge card distributions and bidding sequences are given. As a follow-up of the LaTeX macros given in [12]. Moreover, macros for annotated printing of the course of the play are provided. Examples of use are included.

[7\\_16.pdf](#) (169 KB)

**Hanna Kolodziejska**

*Go diagrams with TeX* (English), MAPS 7, 1991, 63-68

**keywords:** go, diagrams

**abstract:** Encoureged by Zalman Rubinstein, who described his chess diagrams in TUGboat vol. 10 no. 2, I have prepared some special fonts and TeX macros to be used in typesetting go diagrams.

[7\\_17.pdf](#) (220 KB)

**Kees van der Laan**

*Towers of Hanoi, revisited* (English), MAPS 7, 1991, 69-70

**keywords:** tower of Hanoi

**abstract:** Another version of TeXing of 'The Towers of Hanoi' problem is provided, which does not assume Lisp knowledge, just plain TeX. Also some variations of use are included, among others to remove the restriction on the disks: disk size can be supplied by more than one digit.

[7\\_18.pdf](#) (24 KB)

**Kees van der Laan**

*6th European TeX Conference* (English), MAPS 7, 1991, 71-75

**keywords:** EuroTeX, conference, Paris

**abstract:** -- User groups: CyrTUG is bound to become important. CSTUG prospers. HunTUG is modest. The Poles can't get organized. Yunus is only a list. The other five just go on.-- Panels: TeX in Europe, how can we obtain better acceptance? LaTeX3: impressive history, no release dates of yet.-- Presentations: Zlatuska's ACCENTS processor, for automatic generation of accented virtual fonts for European languages from English input fonts in the TeX font layout, looks promising.-- Publishing houses: MIR is involved. Springer is active and has some user guides out for a pilot journal. The Czech scientific journals are all formatted by TeX!-- Products: LAMSTeX is still going public. Very promising though, especially the wizards manual.

[7\\_19.pdf](#) (64 KB)



**Kees van der Laan**

*The TUG91 Annual Meeting* (English), MAPS 7, 1991, 76-82

**keywords:** TUG conference

**abstract:** -- Education: David Salomon is a great teacher: insights! He has donated his notes to TUG for inclusion in the TeXniques series.-- Publishing houses: The publishing houses accept (La)TeX copy. AMS leads with their total production formatted via TeX: 90K pages per year.-- Interchange format: DVI and Encapsulated PostScript!-- Workshops: Modifying manmac was great! The ways of encapsulating Postscript are put together by Anita Hoover. (see elsewhere in MAPS)-- Products: LAMSTeX goes public. ArborTeXt has extended and improved their products. ETP, of Mimi Lafrenz, did steal the show.

[7\\_20.pdf](#) (84 KB)

**Kees van der Laan**

*TUG Board of Directors meeting* (English), MAPS 7, 1991, 83-84

**keywords:** TUG meeting, board-of-directors

**abstract:** The following are loosely formulated issues which were agreed upon. For more preciseness the reader is referred to the (approved) minutes.

[7\\_21.pdf](#) (13 KB)

**Kees van der Laan**

*Visit AMS and TUG office* (English), MAPS 7, 1991, 85-86

**keywords:** AMS, TUG office

**abstract:** A report is given of the role of AMS with respect to TeX and TUG. The TUG office is next door and the cooperation is beneficial. A few relevant documents and the AMS preprint styles as well as the accompanying documentation are enumerated.

[7\\_22.pdf](#) (19 KB)

**Theo Jurriens**

*TeXniques in Siberia* (English), MAPS 7, 1991, 87-90

**keywords:** Siberia, LaTeX, courses, USSR

**abstract:** This article summarizes the problems of giving a LaTeX course in Siberia. It concludes with an overview concerning the future of TeX inside the USSR.

[7\\_23.pdf](#) (226 KB)

**Alan Hoenig**

*An Introduction to TeX for New Users* (English), MAPS 7, 1991, 91-96

**keywords:** introduction, new users

**abstract:** The purpose of this brief introduction is not to present a tutorial into the use of TeX, but rather to introduce the user to the whole notion of what it means to use TeX, how TeX differs from other typesetting systems, and what the advantages are to using TeX.

[7\\_24.pdf](#) (85 KB)

**Rein Smedinga**

*Hoe met LaTeX een boek kan worden gemaakt* (Dutch), MAPS 7, 1991, 97-101

**keywords:** LaTeX, book

**abstract:** Het creëren van een boek met LaTeX is geen vanzelfsprekende bezigheid. Onderstaand het relaas van zo'n poging: het boek-in-wording *Inleiding Informatica* dat in eerste instantie als dictaat bij het bijbehorende college is geschreven en nu in een boekversie is aangeboden aan Addison-Wesley. In onderstaand betoog wordt voorbij gegaan aan het belangrijkste onderdeel van het schrijven van een boek: het schrijven van de tekst. We zullen het hier slechts hebben over de problemen en oplossingen voor wat betreft de layout.

[7\\_25.pdf](#) (55 KB)

**Theo Jurriens**

*Ladies and LaTeX* (English), MAPS 7, 1991, 102-104

**keywords:** LaTeX, non-scientists, simplification

**abstract:** This paper describes the use of LaTeX by non-astronomers at the Kapteyn Institute. Although the general opinion is that it is too complicated for non-scientist, experience in Groningen proves otherwise. If you provide good tools or styles everybody is capable of using

LaTeX. Also, the astronomers took over tricks from the ladies, simplifying their lives, too.  
[7\\_26.pdf](#) (34 KB)

### **Nico Poppelier**

*Two Sides of the Fence* (Dutch), MAPS 7, 1991, 105-110

**keywords:** TUG conference, current status, future

**abstract:** The purpose of this talk is to give an overview of the four days of the twelfth annual TUG meeting; it is an attempt to show that the different streams in the programme of the meeting are connected, that they are part of a whole. Also, I make some comments and observations regarding the current status and the future of TeX, and the future of publishing in general.

[7\\_27.pdf](#) (75 KB)

### **Anita Hoover**

*Report on Workshop: Getting PostScript into TeX and LaTeX Documents* (Dutch), MAPS 7, 1991, 111-116

**keywords:** workshop, PostScript

[7\\_28.pdf](#) (62 KB)

### **Nelson Beebe**

*The TUGLIB Server* (English), MAPS 7, 1991, 117-123

**keywords:** TUGLIB, FTP, mail, internet

**abstract:** Scores of sites on the worldwide Internet now provide access to assorted collections of software relating to TeX and METAFONT. In many cases, these are accessible only via the Internet mechanism known as anonymous ftp, a scheme that permits logins from unknown users, usually on other machines, with very restricted access. The name ftp is an acronym for file transfer protocol. To improve the access to the TeX archives and other software at Utah, I have installed 'tuglib'. This server provides a means whereby remote users can send electronic mail messages containing service requests to a daemon program. The daemon parses the requests, logs them, and responds to them.

[7\\_29.pdf](#) (76 KB)

### **Victor Eijkhout, Ron Sommeling**

*Self-replicating macros* (English), MAPS 7, 1991, 124

**keywords:** macros, self-replication

[7\\_30.pdf](#) (14 KB)

### **Victor Eijkhout**

*New books on TeX (2)* (English), MAPS 7, 1991, 125-126

**keywords:** new books, nook review

**abstract:** Review of 'A Beginner's Book of TeX' (Kopka/Levy).

[7\\_31.pdf](#) (26 KB)

### **Kees van der Laan**

*Impression INRSTeX, and some more* (English), MAPS 7, 1991, 127-129

**keywords:** INRSTeX

**abstract:** The work of Michael Fergusson on INRSTeX is discussed, Michael's comments on the review are included.

[7\\_32.pdf](#) (38 KB)

### **Ralph Youngen**

*AMSTeX* (Dutch), MAPS 7, 1991, 130

**keywords:** AMSTeX

[7\\_33.pdf](#) (21 KB)

### **Michael Spivak**

*LAMSTeX* (Dutch), MAPS 7, 1991, 131

**keywords:** LAMSTeX

[7\\_34.pdf](#) (21 KB)

### **Yannis Haralambous**

*ScholarTeX* (Dutch), MAPS 7, 1991, 132

**keywords:** ScholarTeX

**abstract:** ScholarTeX is a collection of fonts, macros, preprocessor, hyphenation patterns, other related software and a 150-pages manual with many illustrations, examples, exercises and mottos. It's purpose is to allow the use of TeX in the following languages: Greek, Epigraphical Greek, Armenian, Arabic, Hebrew, Syriac, Saxon, Old German, Phonetic Alphabet.

[7\\_35.pdf](#) (21 KB)

**anon.**

*TUGboat, Table of Contents* (English), MAPS 7, 1991, 133-134

**keywords:** TUGboat, contents

**abstract:** Table of contents of TUGboat Volume 12.1 and 12.2.

[7\\_36.pdf](#) (31 KB)

**David Salomon**

*'Insights in TeX' course (1)* (Dutch), MAPS 7, 1991, 135

**keywords:** courses, insights

**abstract:** This course, with no hands-on, is aimed at TeX and LaTeX users who are ready for to acquire more insights into the TeXnigma. For those who are still working at the 'book' level an extra one-day introductory course can be organized if need for that is large enough.

[7\\_37.pdf](#) (18 KB)

**Gerard van Nes**

*MAPS 92.1* (Dutch/English), MAPS 8, 1992, 1-150

**keywords:** NTG, MAPS, Minutes & Appendices

**abstract:** NTG's magazine

[maps8.pdf](#) (1628 KB)

**Gerard van Nes, Jos Winnink**

*Verslag (1992/1)* (Dutch), MAPS 8, 1992, 1-4

**keywords:** verslag, members meeting

**abstract:** Opening; Verslag bijeenkomst 2 mei 1991; Ingekomen stukken en Mededelingen; Verslag/discussie werkgroepen; Rondvraag; NTG presentaties: 'Fun with TeX'; Sluiting.

[8\\_1.pdf](#) (51 KB)

**anon.**

*TeX kalender & Glossary & Aanschaf TeX boeken* (Dutch), MAPS 8, 1992, 5

**keywords:** calendar, glossary, book

[8\\_2.pdf](#) (16 KB)

**anon.**

*Werkgroepen NTG* (Dutch), MAPS 8, 1992, 6

**keywords:** working group

**abstract:** Verslag werkgroepen.

[8\\_3.pdf](#) (12 KB)

**Kees van der Laan**

*Van de Voorzitter (1992/1)* (Dutch), MAPS 8, 1992, 7

**keywords:** chairman

[8\\_4.pdf](#) (21 KB)

**Gerard van Nes**

*Jaarverslag NTG 1991* (Dutch), MAPS 8, 1992, 8-10

**keywords:** report NTG

**abstract:** In 1991 ging de NTG zijn 4e jaar van bestaan in. Wederom verschenen er een tweetal MAPS (Minutes & APpendiceS), twee NTG bijeenkomsten vonden plaats met een groeiend aantal lezingen, bestuursverkiezingen werden voor het eerst gehouden, een gecombineerd NTG/TUG lidmaatschap werd mogelijk, de samenwerking met Wiskundig Nederland kreeg gestalte, en er werd verdere aandacht besteed aan de continuering en acceptatie van de NTG.

[8\\_5.pdf](#) (33 KB)

**Johannes Braams**

*Financieel verslag NTG 1991* (Dutch), MAPS 8, 1992, 11-12

**keywords:** financial report

[8\\_6.pdf](#) (26 KB)

**anon.**

*NTG's listserver TeX-NL* (Dutch), MAPS 8, 1992, 13-15

**keywords:** listserver, tex-nl

**abstract:** Overzicht gebruikers listserver.

[8\\_7.pdf](#) (18 KB)

**anon.**

*NTG's fileserver TeX-NL* (Dutch), MAPS 8, 1992, 16-22

**keywords:** fileserver

**abstract:** Overzicht inhoud NTG fileserver.

[8\\_8.pdf](#) (39 KB)

**Kees van der Laan**

*WG 1: Education; Review Urban's 'An introduction to LaTeX'* (English), MAPS 8, 1992, 23-24

**keywords:** review, book review

**abstract:** Review of Michael Urban's 'An introduction to LaTeX'

[8\\_9.pdf](#) (31 KB)

**Kees van der Laan**

*WG 1: Education; Addendum 'Publiceren met LaTeX'* (English), MAPS 8, 1992, 25-30

**keywords:** LaTeX

**abstract:** Addendum 'Publiceren met LaTeX'

[8\\_10.pdf](#) (74 KB)

**Erik-Jan Vens**

*WG 4: Fonts: Met schuine en begerige ogen* (Dutch), MAPS 8, 1992, 31-32

**keywords:** working group, fonts

**abstract:** 'Peremesjtsjenije', Een verhaal van nette armoei.

[8\\_11.pdf](#) (29 KB)

**Jos Winnink**

*WG 7: PC-zaken* (Dutch), MAPS 8, 1992, 33-34

**keywords:** working group, PC, MS-DOS, Atari

**abstract:** Activiteiten van werkgroep 7: PC-zaken.

[8\\_12.pdf](#) (13 KB)

**Daniel Taupin**

*MusicTeX; using TeX to write polyphonic or instrumental music* (English), MAPS 8, 1992, 35-52

**keywords:** music

**abstract:** MusicTeX is a set of TeX macros to typeset polyphonic, orchestral or polyphonic music.

[8\\_13.pdf](#) (275 KB)

**Theo Jurriens**

*Dating with TeX* (English), MAPS 8, 1992, 53-56

**keywords:** dates

**abstract:** Three TeX-coded algorithms are given for performing tricks with dates.

[8\\_14.pdf](#) (18 KB)

**Kees van der Laan**

*Dag van het Document (verslag ITI-TNO informatiedag)* (Dutch), MAPS 8, 1992, 57-58

**keywords:** document, opslag en retrieval, ITI-TNO

**abstract:** Een verslag van de dag van het document. Centraal stond de problematiek: opslag en retrieval van documenten. Interessant waren het begrip bibliotheek zonder muren, en de intelligente auteursomgevingen. Het dilemma ten aanzien van het centrale thema is: moeten wij alles bewaren of selecteren en vergeten? Ook het forum kwam hier niet uit. Er was een beurs met een 20-tal stands.

[8\\_15.pdf](#) (22 KB)

**Gerard van Nes**

*Molecuul Muis Manuscript (verslag KNCV symposium)* (Dutch), MAPS 8, 1992, 59-62

**keywords:** chemicals, electronic publishing, KNCV

**abstract:** Op 18 oktober 1991 werd door de sectie Computertoepassingen van de KNCV (Koninklijke Nederlandse Chemische Vereniging) een symposium m.b.t. chemische tekstverwerking georganiseerd. Naast een algemene introductie over 'Electronisch Publiceren', kregen zowel de Apple Macintosh als MS-DOS geïnteresseerden (chemici) de huidige mogelijkheden van het verwerken van chemische teksten voorgeschoteld. Het pakket TeX kwam in een laatste lezing naar voren. De duidelijk geslaagde dag werd bezocht door een kleine honderd deelnemers, inclusief een tiental leveranciers. Vele (leerzame) demonstraties, zowel tijdens de lezingen, als ook tussen de lezingensessies door, zorgden mede voor een duidelijk overzicht.  
[8\\_16.pdf](#) (40 KB)

#### David Salomon

*An introduction to TeX -- part I course David Salomon --* (English), MAPS 8, 1992, 63-80

**keywords:** introduction

[8\\_17.pdf](#) (274 KB)

#### Joachim Schrod

*The Components of TeX* (English), MAPS 8, 1992, 81-86

**keywords:** components of TeX

**abstract:** TeX needs a great amount of supplementary components (files and programs) of which the meaning and interaction often is unknown. This paper explains the components of the kernel system TeX that are visible for the TeX user and their relations.

[8\\_18.pdf](#) (67 KB)

#### Frank Mittelbach

*LaTeX 3 project* (English), MAPS 8, 1992, 87-90

**keywords:** LaTeX3

[8\\_19.pdf](#) (49 KB)

#### Nelson Beebe

*LaTeX Editing support* (English), MAPS 8, 1992, 91-114

**keywords:** LaTeX, editing, Emacs

**abstract:** The structured markup of LaTeX can be easy to read and understand, but tedious to type. Its syntax of environment groups bears a strong resemblance to the begin/end groups of the Algol family of computer programming languages, which can be described by rigorous grammars that in turn permit the automatic construction of lexical analyzers and parsers, and structured editors to support programming in those languages. This article describes a powerful facility for the preparation of LaTeX documents using the Emacs TeXt editor.

[8\\_20.pdf](#) (237 KB)

#### Victor Eijkhout

*Prolegomena toward a font selection scheme* (English), MAPS 8, 1992, 115-116

**abstract:** Most users of plain TeX do not get very sophisticated in their use of fonts. Often they resort to declaring all used fonts explicitly with `\font`. There are some obvious disadvantages to that: it is not possible to switch a whole document in a simple way to a different typeface, or to a different size. As a result, I've seen such phenomena as an article with an abstract in 8 or 9 point, but where the formulas were still in 10 point, or pages of 'magnified' type where the lines were cramped, because the `\baselineskip` was not increased with the type size. The need for a good font selection scheme is thus quite obvious, but the implementation of one is not.

[8\\_21.pdf](#) (34 KB)

#### Theo Jurriens

*From observation to publication* (English), MAPS 8, 1992, 117-120

**abstract:** This article describes the use of TeX in publishing observations of variable stars observed by Dutch amateur-astronomers. The observations are published in the journal 'Variabilia' and in the so-called Reports. In the latter the observations, collected in several years, are published and submitted to the professional astronomer. It includes tables and light-curves: plot of the changing magnitude of the star versus time. In creating the light-curves: PICTeX is used. In preparing the files for PICTeX simple TeX-coding is used for manipulating the data.

[8\\_22.pdf](#) (68 KB)

**Kees van der Laan**

*FIFO and LIFO incognito* (English), MAPS 8, 1992, 121-124

**keywords:** FIFO, LIFO

**abstract:** FIFO, first-in-first-out, and LIFO, last-in-last-out, are well-known techniques for handling sequences. In TeX macro writing they are abundant but are not easily recognized as such. TeX templates for FIFO and LIFO are given and their use is illustrated.

[8\\_23.pdf](#) (51 KB)

**Kees van der Laan**

*Tower of Hanoi* (English), MAPS 8, 1992, 125-127

**keywords:** tower of Hanoi

**abstract:** Another version of programming ‘The Tower of Hanoi’ in TeX is provided. No nodding knowledge of Lisp is required; just plain TeX. There is no restriction on the number of disks, apart from the installed limits of TeX. Generalized disks can be moved as well.

[8\\_24.pdf](#) (49 KB)

**Kees van der Laan**

*Typesetting Crosswords via TeX* (English), MAPS 8, 1992, 128-132

**keywords:** crosswords, `\bgroup\char\egroup` `\halign`, WYSIWYG, plain TeX

**abstract:** A macro is provided for typesetting crosswords via (plain) TeX, or any TeX, which allows `\halign` use. The specification of the crossword information can be done in the WYSIWYG way, and does not require `\halign` markup, just the data.

[8\\_25.pdf](#) (59 KB)

**Theo Jurriens**

*Ladies & LaTeX -- II* (Dutch), MAPS 8, 1992, 133-134

**abstract:** In dit artikel wordt mijn ervaring als LaTeX-docent, vraagbaak voor secretaresses beschreven. Er zijn twee bronnen van problemen: organisatie en TeX-techniek.

[8\\_26.pdf](#) (31 KB)

**Nico Poppelier, Amy Hendrickson**

*Book reviews* (English), MAPS 8, 1992, 135-138

**keywords:** book review, SGML

**abstract:** Reviews of ‘LaTeX for Everyone’ (Jane Hahn), ‘Practical SGML’ (Eric van Herwijnen), ‘TeX by Topic, A TeXnician’s Reference’ (Victor Eijkhout).

[8\\_27.pdf](#) (56 KB)

**Kees van der Laan**

*Spivak’s Oeuvre* (English), MAPS 8, 1992, 139-142

**keywords:** LAMSTeX

**abstract:** Spivak’s ‘The Joy of TeX’ and ‘LAMSTeX -- The Synthesis’ are discussed.

[8\\_28.pdf](#) (62 KB)

**anon.**

*TUGboat, Table of Contents* (English), MAPS 8, 1992, 143-144

**keywords:** TUGboat

**abstract:** Table of contents of TUGboat Volume 12.3, 12.4 and 13.1.

[8\\_29.pdf](#) (35 KB)

**anon.**

*Tijdschriften zusterverenigingen* (Dutch), MAPS 8, 1992, 145-146

**keywords:** journals

[8\\_30.pdf](#) (31 KB)

**Jiri Vesely**

*EuroTeX92 announcement* (English), MAPS 8, 1992, 147-148

**keywords:** EuroTeX, conference, announcement, Prague

**abstract:** Announcement of the EuroTeX’92 conference.

[8\\_31.pdf](#) (22 KB)

**David Salomon**

*'Insights in TeX' course (2)* (English), MAPS 8, 1992, 149-150

**keywords:** courses

**abstract:** This advanced course, with no hands-on, is aimed at those TeX and/or LaTeX users who are ready for a deeper insight into the TeXnigma. An extra one-day introductory course can be organized for inexperienced users, if there is enough demand.

[8\\_32.pdf](#) (27 KB)

#### Gerard van Nes

*MAPS 92.2* (Dutch/English), MAPS 9, 1992, 1-162

**keywords:** NTG, MAPS, Minutes & Appendices

**abstract:** NTG's magazine

[maps9.pdf](#) (2054 KB)

#### Gerard van Nes, Jos Winnink

*Verslag (1992/2)* (Dutch), MAPS 9, 1992, 1-4

**keywords:** verslag, members meeting

**abstract:** Opening; Verslag bijeenkomst 21 november 1991; Ingekomen stukken en Mededelingen; NTG jaarvergadering; Verslag/discussie werkgroepen; Rondvraag; NTG presentaties: 'TeX and Scientific Publishing'; Sluiting.

[9\\_1.pdf](#) (61 KB)

#### anon.

*TeX kalender & Glossary & Discount boeken en software voor NTG leden* (Dutch), MAPS 9, 1992, 5

**keywords:** calendar, glossary, book, software

[9\\_2.pdf](#) (23 KB)

#### anon.

*Werkgroepen NTG* (Dutch), MAPS 9, 1992, 6

**keywords:** working group

**abstract:** Verslag werkgroepen.

[9\\_3.pdf](#) (12 KB)

#### Gerard van Nes

*Van uw MAPS Editor (1992)* (Dutch), MAPS 9, 1992, 7-8

**keywords:** MAPS editor

[9\\_4.pdf](#) (38 KB)

#### Kees van der Laan

*Van de Voorzitter (1992/2)* (Dutch), MAPS 9, 1992, 9-11

**keywords:** chairman

[9\\_5.pdf](#) (47 KB)

#### Johannes Braams

*Concept begroting 1993* (Dutch), MAPS 9, 1992, 12

**keywords:** budget

[9\\_6.pdf](#) (21 KB)

#### anon.

*NTG's listserver TeX-NL* (Dutch), MAPS 9, 1992, 13-15

**keywords:** listserver, tex-nl

**abstract:** Overzicht gebruikers listserver.

[9\\_7.pdf](#) (22 KB)

#### anon.

*NTG's fileserver TeX-NL* (Dutch), MAPS 9, 1992, 16-22

**keywords:** fileserver

**abstract:** Overzicht inhoud NTG fileserver.

[9\\_8.pdf](#) (43 KB)

#### Huib Mulders

*WG 3: Evaluatie; Formules in WP5.1, DECwrite en LaTeX* (Dutch), MAPS 9, 1992, 23-30

**keywords:** formulas, evaluation, WordPerfect, DECwrite, LaTeX

**abstract:** De pakketten WP5.1, DECwrite en LaTeX bieden de mogelijkheid om formules te typesetten. Om de mogelijkheden en kwaliteit te kunnen beoordelen is geprobeerd een vijftal formules met behulp van de drie pakketten te maken.

[9\\_9.pdf](#) (173 KB)

### Erik-Jan Vens

*WG 4: Fonts; Hoe maak ik van een font twee fonts?* (Dutch), MAPS 9, 1992, 31-32

**keywords:** working group, fonts, virtual fonts

**abstract:** Andrea de Leeuw van Weenen wilde een deel van haar zelfgemaakte font aan kunnen spreken met de gewone letters op het toetsenbord, en niet met lastig in te typen en (evt.) lastig te onthouden macros. De aangewezen manier leek het maken van een virtueel font. Dus heb ik eens op een rijtje gezet wat je daarvoor nodig hebt.

[9\\_10.pdf](#) (21 KB)

### Kees van der Laan

*7th European TeX Conference: EuroTeX'92* (Dutch), MAPS 9, 1992, 33-36

**keywords:** EuroTeX, conference, Prague

**abstract:** Highlights of this EuroTeX'92 at Prague were: -- Graphics via TeX and METAFONT.-- = METAFONT with PostScript output.-- PostScript fonts coupled to TeX.-- What every advisory service should know.-- AsTeX as model for a scientific workbench.-- Several (free) tutorials: Advanced TeX, Virtual fonts, XY-PiC.

[9\\_11.pdf](#) (53 KB)

### Johannes Braams

*Verslag van de TUG conferentie in Portland, Oregon* (Dutch), MAPS 9, 1992, 37-42

**keywords:** TUG conference, Portland

**abstract:** Verslag van de TUG conferentie in Portland, Oregon.

[9\\_12.pdf](#) (68 KB)

### Anita Hoover

*The Key to Successful Support: Knowing Your TeX and LaTeX Users* (English), MAPS 9, 1992, 43-49

**keywords:** user support

**abstract:** The primary emphasis of this paper is to address the issues related to supporting TeX and LaTeX. One essential ingredient to successfully supporting any package is that you must know your users. In the case of TeX and LaTeX, this is especially true, because the user base can be so diverse. This paper will focus on support strategies that address different types of users and what you can do as a TeX and LaTeX support person to adopt these strategies in your organization.

[9\\_13.pdf](#) (80 KB)

### Frank Mittelbach, Chris Rowley

*The Pursuit of Quality* (English), MAPS 9, 1992, 50-56

**keywords:** craft typography, automated typesetting, document formatting models, paradigm, typographic rules, visual contexts, logical contexts, global optimization

**abstract:** This paper compares high-quality craft typography with the state of the art in automated typesetting. The first part discusses several typographical conventions which cannot be implemented by means of any formatting model currently in use. The second part explains why the current paradigms of computerized typesetting will not serve for high-quality formatting and suggests directions for the further research necessary to improve the quality of computer generated layout.

[9\\_14.pdf](#) (80 KB)

### Walter van der Laan, Johannes Braams

*Writing Reports with More than a Hundred People* (English), MAPS 9, 1992, 57-62

**keywords:** automated report writing, LaTeX

**abstract:** This paper describes a system that produces project status reports using LaTeX. The reports contain both TeXtual and financial information. The TeXtual part of the status reports is written by over a hundred people who don't need to know what LaTeX is. The financial information is retrieved from a database.



[9\\_15.pdf](#) (145 KB)

### Ralph Youngen

*TeX-based Production at the AMS* (English), MAPS 9, 1992, 63-68

**keywords:** AMS

**abstract:** The American Mathematical Society (AMS) is a both major publisher of mathematical research, and a professional organization whose members are mathematicians engaging in research at academic institutions and other research centers in the U.S. and around the world. A primary function of the Society is to provide channels of communication whereby these mathematicians can communicate the results of their research to each other, and to the broader scientific community. Foremost among these channels of communication is an extensive publications program which is based on the TeX typesetting system.

[9\\_16.pdf](#) (96 KB)

### Nico Poppelier, Eric van Herwijnen, Chris Rowley

*Standard dtd's and Scientific Publishing* (English), MAPS 9, 1992, 69-80

**keywords:** DTD, SGML, scientific publishing

**abstract:** This paper has two parts. In the first part we argue that scientific publishing needs one standard dtd for each class of documents that is published, for example one for all research papers and one for all books. In the second part we apply this reasoning to mathematical formulas, and we outline some design requirements for a document type definition for mathematical formulas. In the appendices we discuss and compare existing document type definitions for mathematical formulas.

[9\\_17.pdf](#) (143 KB)

### Erik-Jan Vens

*Incorporating PostScript fonts in TeX* (English), MAPS 9, 1992, 81-84

**keywords:** PostScript, fonts, pfb2mf, conversion

**abstract:** pfb2mf provides the TeX community with an interface to the PostScript Type One fonts. There is an overwhelming amount of these fonts for sale and there are a lot of fonts in the Public Domain, so it extends the range of typefaces the TeX user can choose from.

[9\\_18.pdf](#) (58 KB)

### David Salomon

*Creating Shaded Rectangles with PostScript* (English), MAPS 9, 1992, 85-88

**keywords:** shaded rectangles, PostScript

**abstract:** One of the most common graphics used in documents is TeXt with a shaded background. This is hard to do with TeX but easy with PostScript. Simple PostScript code is presented here to create shaded rectangles, and a macro is developed to combine such a rectangle with TeXt.

[9\\_19.pdf](#) (36 KB)

### John Hobby

*Introduction to METAPOST* (English), MAPS 9, 1992, 89-96

**keywords:** METAFONT, METAPOST, picture drawing

**abstract:** METAPOST is a picture-drawing language very much like METAFONT except with PostScript output. The language provides access to all major features of Level 1 PostScript and it has facilities for integrating graphics with typeset TeXt. This paper gives a brief overview of the METAPOST language and how it can be used. A few of the more interesting features are described in detail.

[9\\_20.pdf](#) (110 KB)

### Theo Jurriens

*TeX for Everyone!?* (English), MAPS 9, 1992, 97-99

**keywords:** METAFONT, PostScript

**abstract:** In this article author tries to defend a more general use of TeX outside the world of mathematics, astronomy, physics etc. The ! or ? in the title of this paper is the question. Several examples are shown why TeX is much powerful than a dull word-processing package.

[9\\_21.pdf](#) (48 KB)

**Theo Jurriens**

*TeX als Database* (Dutch), MAPS 9, 1992, 100-101

**keywords:** databases, administration

**abstract:** In dit artikel wordt beschreven hoe TeX is gebruikt als een primitieve database voor de administratie van de 47ste Nederlandse Astronomen Conferentie.

[9\\_22.pdf](#) (15 KB)

**Theo Jurriens**

*Ladies and LaTeX -- III Vragen allerlei!* (Dutch), MAPS 9, 1992, 102-104

**keywords:** floats, multi-columns, letter, inhoudsopgave

**abstract:** In het dagelijks gebruik van LaTeX komen we zo af en toe toch nog wel eens problemen voor. In dit artikel vragen uit de praktijk en de mogelijke oplossingen.

[9\\_23.pdf](#) (24 KB)

**Victor Eijkhout**

*Just give me a Lollipop (it makes my heart go giddy-up)* (English), MAPS 9, 1992, 105-110

**keywords:** Lollipop, meta-format, style design

**abstract:** The Lollipop format is a meta-format: it does not define user macros, but it contains the tools with which a style designer can easily implement such user macros. This article will show some of the capabilities of Lollipop and will give the reader a small peek behind the scenes of the implementation.

[9\\_24.pdf](#) (66 KB)

**David Salomon**

*Index Preparation for TeX Related Documents* (English), MAPS 9, 1992, 111-114

**keywords:** index preparation, MakeIndex

**abstract:** A beta release of the MakeIndex program has recently become available for the Macintosh computer, and I immediately started using it to prepare the indexes of two new books. MakeIndex is easy to use with LaTeX but, since I like to work with plain TeX, I have developed all the necessary macros from scratch. They are presented here for the benefit of anyone who wants a professionally looking index.

[9\\_25.pdf](#) (50 KB)

**Kees van der Laan**

*Table Diversions* (English), MAPS 9, 1992, 115-129

**keywords:** tables, bordered table, plain TeX

**abstract:** Characteristics of existing table macro collections are given. A kaleidoscope of tables -- as next best to a taxonomy -- is presented. Newly introduced is the class of bordered tables. Variations in print-ruled, nonruled, framed, nonframed, dotted, centered, flushed-can be obtained via the invoke of parameter setting macros; no modification of user mark up. Simultaneous row and column spans, partial rules, and dotted lines are dealt with. The listing of the macro `\btable`, with auxiliaries, is included.

[9\\_26.pdf](#) (133 KB)

**Kees van der Laan**

*Syntactic Sugar* (English), MAPS 9, 1992, 130-136

**keywords:** array addressing, loops, parameters, linear search, sorting, switch, plain TeX

**abstract:** A plea is made for being honest with TeX and not imposing alien structures upon it, otherwise than via compatible extensions, or via (non-TeX) user interfaces to suit the publisher, the author, or the typist. This will facilitate the process to get (complex) publications out effectively, and typographically of high-quality.

[9\\_27.pdf](#) (101 KB)

**Kees van der Laan**

*Heap Sort in TeX* (English), MAPS 9, 1992, 137-138

**keywords:** heap sort, plain TeX

**abstract:** Sorting in plain TeX is implemented via heap sort. The heap sort algorithm is explained and the encoding given.

[9\\_28.pdf](#) (40 KB)

**Kees van der Laan**

*FIFO and LIFO sing the BLUes* (English), MAPS 9, 1992, 139-144

**keywords:** FIFO, LIFO, BLUe, plain TeX

**abstract:** FIFO, First-In-First-Out, and LIFO, Last-In-First-Out, are well-known techniques for handling sequences. In TeX macro writing they are abundant but are not easily recognized as such. TeX templates for FIFO and LIFO are given and their use illustrated. The relation with Knuth's `\dolist`, answer ex11.5, and `\ctest`, p.376, is given.

[9\\_29.pdf](#) (89 KB)

**Kees van der Laan**

*Typesetting Crosswords via TeX, revisited* (English), MAPS 9, 1992, 145-146

**keywords:** crosswords

**abstract:** An alternative macro, to van der Laan (1992b), is provided for typesetting crosswords via TeX.

[9\\_30.pdf](#) (43 KB)

**Jan Krugers**

*Scientific Word; TeX à la WYSIWYG* (English), MAPS 9, 1992, 147-154

**keywords:** Scientific Word, WYSIWYG, MS-Windows, OS2WIN

**abstract:** A software package for Windows and OS2WIN for inputting mathematical formulas WYSIWYG according to all TeX rules. Internal storage format is a mixture of TeX, LaTeX and macros of own design. Mathematical formulas are immediately shown the way they will be printed. Line width for TeXt is limited to the width of the window for ease of use. The built in previewer from TurboTeX shows the whole document layout. There are also dvi drivers included for PostScript, LaserJet, DeskJet and matrixprinters. Pictures can be called just as easy as formulas can be inputted. A description of the philosophy of this package and how to work with it.

[9\\_31.pdf](#) (244 KB)

**Gerard van Nes**

*Bugs (sigh) in Knuths 'Computers & Typesetting'* (English), MAPS 9, 1992, 155-157

**keywords:** bugs, Knuth, Computers & Typesetting

**abstract:** In may/june this year a discussion started on the TeX-NL listserver (by Kees van der Laan and Nico Poppelier) about the releases of Knuths book series: it was not sure that Addison-Wesley was selling only the latest book editions. We have forwarded that discussion directly to Addison-Wesley in Amsterdam. The answer is included in next section.

[9\\_32.pdf](#) (38 KB)

**Michael Downes**

*LaTeX3; Call for Volunteers* (English), MAPS 9, 1992, 158

**keywords:** LaTeX3, volunteers

**abstract:** This is a call for volunteers to help in the development of LaTeX3. There are many tasks needing to be done in support of the LaTeX3 project which can be worked on concurrently with the development of the LaTeX3 kernel. Furthermore, some tasks require special expertise not found among the core programming team. Initial research, analysis, and work on these tasks by volunteers can greatly speed up the process of integrating a number of desirable features into LaTeX3. Many of these features can be extensively developed and tested under LaTeX 2.09 even before the LaTeX3 kernel is available.

[9\\_33.pdf](#) (17 KB)

**Jir'i Zlatuska**

*EuroTeX'92 proceedings* (Dutch), MAPS 9, 1992, 159

**keywords:** EuroTeX, proceedings, Prague

**abstract:** EuroTeX '92 proceedings volume contains 330 pages of papers presented at the last European TeX Conference held in Prague, Czechoslovakia. There are full TeXts of five invited talks included, presenting topics ranging from the future of TeX to combinations involving METAFONT and PostScript, and also user support. The volume is available from the Czechoslovak TeX user's group for only DM 30.--.

[9\\_34.pdf](#) (16 KB)

**anon.**

*TUG '93; Call for Papers* (Dutch), MAPS 9, 1992, 160

**keywords:** TUG conference, call for papers

**abstract:** Call for papers for TUG'93 meeting.

[9\\_35.pdf](#) (56 KB)

**anon.**

*Table of Contents TUGboat* (Dutch), MAPS 9, 1992, 161-162

**keywords:** TUGboat, contents

**abstract:** Table of contents of TUGboat Volume 13.2 and 13.3.

[9\\_36.pdf](#) (24 KB)

**Gerard van Nes**

*MAPS 93.1* (Dutch/English), MAPS 10, 1993, 1-218

**keywords:** NTG, MAPS, Minutes & Appendices

**abstract:** NTG's magazine

[maps10.pdf](#) (3082 KB)

**Gerard van Nes, Jos Winnink**

*Verslag (1993)* (Dutch), MAPS 10, 1993, 1-4

**keywords:** verslag, members meeting

**abstract:** Opening; Verslag bijeenkomst 4 juni 1992; Ingekomen stukken en Mededelingen; NTG presentaties: 'The future of TeX/LaTeX'; Rondvraag en Sluiting.

[10\\_1.pdf](#) (49 KB)

**anon.**

*TeX kalender, Glossary & Mededelingen* (Dutch), MAPS 10, 1993, 5-6

**keywords:** calendar, glossary, announcement

[10\\_2.pdf](#) (23 KB)

**Gerard van Nes**

*Van uw MAPS Editor; '5 jaar MAPS'* (Dutch), MAPS 10, 1993, 7-10

**keywords:** MAPS editor, MAPS, NTG

[10\\_3.pdf](#) (60 KB)

**Kees van der Laan**

*Van de Voorzitter (1993/1)* (Dutch), MAPS 10, 1993, 11-14

**keywords:** chairman

[10\\_4.pdf](#) (55 KB)

**Gerard van Nes**

*Jaarverslag NTG 1992* (Dutch), MAPS 10, 1993, 15-17

**keywords:** report NTG

**abstract:** In 1992 ging de NTG zijn 5e jaar van bestaan in. Twee NTG bijeenkomsten vonden plaats met vele goede lezingen, naast een succesvolle en goed bezette 5-daagse Advanced TeX cursus (low budget; met het cursusmateriaal als MAPS-Special). Er verschenen wederom een tweetal MAPS uitgaven (Minutes & AppendiceS). Medewerking werd tevens verleend aan het LaTeX3 projekt. En voor de rest is er het diverse door de leden gedaan waaronder een Public Domain MS-DOS set (instap en volledige versie), proeflezen van de MAPS, en de hulpverlening bij vragen op de TeX-NL discussielijst.

[10\\_5.pdf](#) (29 KB)

**Johannes Braams**

*Financieel verslag NTG 1992* (Dutch), MAPS 10, 1993, 18-19

**keywords:** financial report

[10\\_6.pdf](#) (24 KB)

**anon.**

*NTG's Listserver TeX-NL* (Dutch), MAPS 10, 1993, 20-22

**keywords:** listserver, tex-nl

**abstract:** Overzicht gebruikers listserver.

[10\\_7.pdf](#) (19 KB)

**anon.**

*NTG's Fileserver TeX-NL* (Dutch), MAPS 10, 1993, 23-30

**keywords:** fileserver

**abstract:** Overzicht inhoud NTG fileserver.

[10\\_8.pdf](#) (40 KB)

**Frans Goddijn**

*NTG's Bulletin Board FGBBS* (Dutch), MAPS 10, 1993, 31-36

**keywords:** BBS, bulletin board, FGBBS

**abstract:** Nieuw voor de Nederlandstalige TeX Gebruikersgroep: een TeX Bulletin Board speciaal voor diegenen die niet op het Internet zijn aangesloten. De naam: FGBBS. Op FGBBS is sinds kort een zo volledig en actueel mogelijke TeX, emTeX, LaTeX en MusicTeX collectie beschikbaar voor alle bezitters van een modem. Het BBS is kosteloos toegankelijk voor iedereen en er zijn geen beperkingen aan de hoeveelheid bestanden die kunnen worden opgevraagd. Het systeem is aangesloten op een High Speed modem, vergeleken met de transmissiesnelheid die een directe Internet link biedt misschien niet geweldig, maar veel beter kan het niet over de gewone huis- tuin- en keukenPTTlijn. FGBBS is te bellen op 085-217041. Noot 31-jan-1997: nieuw nummer is 026-3217 041.

[10\\_9.pdf](#) (58 KB)

**David Jones**

*A Catalogue of TeX Macros* (English), MAPS 10, 1993, 37-40

**keywords:** TeX, LaTeX, AMSTeX, AMSLaTeX, macros, index

**abstract:** This is a catalogue of TeX macros. Its scope includes all macros that are available via anonymous ftp or mail-server or some similar mechanism. Commercial packages will be included only if a full Catalogue entry is supplied to me by the vendor.

[10\\_10.pdf](#) (39 KB)

**Michel Lavaud**

*A way to ensure the future of TeX: make its use easier on low-cost machines* (English), MAPS 10, 1993, 41-52

**keywords:** back-end, front-end, scientific publishing, AsTeX, hyperTeX, tree, link, multi-author document, file manager, numerical computation, formal computation, worksheet, databases, e-mail, MS-DOS, notebook, OS/2

**abstract:** The PC is the cheapest computer and the most widespread one in the scientific community. Faced with commercial scientific word-processors that are improving steadily in wrong directions, it is urgent to make the use of TeX easier on the PC, to ensure its future and avoid costly dead-ends to researchers. We have designed a program, AsTeX, that allows to create easily multi-author scientific documents in TeX or LaTeX on PCs. It provides an on-line hyperTeXt help and a multi-level assistance in typing LaTeX code. It allows to display and modify very easily the structure of a document, to archive and retrieve files related to it, to perform numerical and formal computations from the document and include automatically the results, to create LaTeX tables from worksheets or databases of formulas. It processes electronic mail and files sent by list servers for a better use of information and eases considerably the use of anonymous ftp andarchie servers by local archiving of selected informations.

[10\\_11.pdf](#) (436 KB)

**Wietse Dol, Erik Frambach, Maarten van der Vlerk**

*4TeX: a TeX Workbench for MS-DOS PC's* (English), MAPS 10, 1993, 53-56

**keywords:** 4TeX, workbench, PC, MS-DOS, freeware, shareware

**abstract:** TeX and all its companions offer an enormous amount of possibilities. This is both an advantage and a disadvantage. The advantage is that almost anything is possible; the disadvantage is that you need detailed knowledge of all related programs to fully exploit the possibilities. The MS-DOS program 4TeX is an attempt to integrate all major TeX related programs in a shell that shields you from the tedious and frustrating job of setting environment variables and program parameters.

[10\\_12.pdf](#) (58 KB)

**Robert Best**

*TeX zonder omhaal; voor Atari ST en andere PC's (I)* (Dutch), MAPS 10, 1993, 57-68

**keywords:** Atari, PD-TeX

**abstract:** Deze cursus is bedoeld als eerste kennismaking met TeX op een eenvoudige PC. Een harde schijf is niet nodig. De cursus is gebaseerd op de PD-TeX van Christoph Strunk voor Atari ST. De installatie en de functie van de basis bestanden van TeX worden behandeld. Deze cursus is een gecorrigeerde herdruk van een serie artikelen in het blad ST uitgegeven door: Stichting ST. Daar zijn de in de tekst genoemde schijfjes te verkrijgen.

[10\\_13.pdf](#) (196 KB)

**Philippe Vanoverbeke**

*Gezeefd uit de TeX-NL discussielijst (1993/1)* (Dutch), MAPS 10, 1993, 69-72

**keywords:** tex-nl, discussionlist

**abstract:** Gezeefd uit de NTG TeX-NL discussielijst van 1992 en begin 1993: een zestiental vragen en antwoorden. Niet alleen voor de niet-netwerkers doch ook voor de TeX-NL subscribers die de berichten te snel langs hun heen zagen gaan. Keuze is gemaakt op persoonlijke titel, veel is dus ongetwijfeld missende. Echter de onderwerpen welke in deze bijdrage worden behandeld zijn zeker van algemeen belang.

[10\\_14.pdf](#) (37 KB)

**Mark Sinke**

*armTeX, een port van TeX voor de Archimedes* (Dutch), MAPS 10, 1993, 73

**keywords:** armTeX, Acorn, Archimedes, port

**abstract:** In dit artikeltje zal ik vertellen wat armTeX is en welke voor- en nadelen het systeem heeft. Het is geen uitvoerige opsomming van wat TeX kan, omdat de lezer geacht wordt daarvan (enigszins) op de hoogte te zijn. Ik zal me meer richten op de technische kanten van het werken met TeX op de Archimedes.

[10\\_15.pdf](#) (16 KB)

**Piet Tutelaers**

*Het gebruik van MathTime in LaTeX* (Dutch), MAPS 10, 1993, 74-76

**keywords:** MathTime, LaTeX

[10\\_16.pdf](#) (106 KB)

**Philip Taylor**

*The Future of TeX* (English), MAPS 10, 1993, 77-85

**keywords:** extended TeX, NTS, New Typesetting System

**abstract:** TeX and the other members of Knuth's Computers & Typesetting family are arguably amongst the most successful examples of computer software in the world, having been ported to almost every conceivable operating system and attracting an allegiance that verges on the fanatical. Development work on this family has now ceased, and many members of the computer typesetting community are concerned that some action should be taken to ensure that the ideas and philosophy enshrined in TeX are not allowed simply to fade away. In this paper, we discuss some of the options available for perpetuating the TeX philosophy, and examine the strengths and weaknesses of the present TeX system. We conclude by postulating a development strategy for the future which will honour both the letter and the spirit of Knuth's wish that TeX, METAFONT and the Computer Modern typefaces remain his sole responsibility, and at the same time ensure that the philosophy and paradigms which are the strengths of TeX are not lost for ever by having artificial constraints placed on their evolution.

[10\\_17.pdf](#) (126 KB)

**Frank Mittelbach**

*E-TeX: Guidelines for Future TeX extensions* (English), MAPS 10, 1993, 86-94

**keywords:** e-TeX, guidelines, extensions

**abstract:** With the announcement of TeX 3.0, Don Knuth acknowledged the need of the (ever growing) TeX community for an even better system. But at the same time, he made it clear, that he will not get involved in any further enhancements that would change the TeXbook. TeX started out originally as a system designed to typeset its author's own publications. In the meantime it

serves hundreds of thousands of users. Now it is time, after ten years' experience, to step back and consider whether or not TeX 3.0 is an adequate answer to the typesetting requirements of the nineties. Output produced by TeX has higher standards than output generated automatically by most other typesetting systems. Therefore, in this paper we will focus on the quality standards set by typographers for hand-typeset documents and ask to what extent they are achieved by TeX. Limitations of TeX's algorithms are analyzed; and missing features as well as new concepts are outlined.

[10\\_18.pdf](#) (256 KB)

**Frank Mittelbach, Chris Rowley**

*The LaTeX3 Project* (English), MAPS 10, 1993, 95-100

**keywords:** LaTeX3

**abstract:** This is a brief sketch of the LaTeX3 Project: background, history, principles, aims and functionality. The new version of LaTeX is, like the current version, a freely available system for automated processing of structured documents, formatting them to the highest typographic standards by use of the TeX typesetting software. Although its uses include a very large range of published documents, the importance of its unsurpassed ability to format mathematical formulas will not be forgotten in producing the new version. It is being produced by an international group of volunteers under the technical direction of Frank Mittelbach.

[10\\_19.pdf](#) (61 KB)

**Michel Goossens**

*PostScript en LaTeX, de komplementariteit in praktijk* (Dutch), MAPS 10, 1993, 101-113

**keywords:** PostScript, LaTeX, epsfig, NFSS

**abstract:** In dit artikel toon ik aan hoe PostScript en LaTeX een hoge graad van samenhang bezitten, die het mogelijk maakt om de voordelen van beide systemen te combineren om documenten elektronisch te publiceren. Allereerst vertel ik hoe, samen met de dvi-vertaler dvips en het stijlbestand epsfig, het invoegen van PostScript materiaal in een (La)TeX bestand heel eenvoudig wordt. Samen met de stijl rotating kan men bijna elk gewenst globaal grafisch effect verkrijgen zonder per-se een PostScript guru te zijn. In het tweede gedeelte van het artikel geef ik een kort overzicht van enkele op PostScript gebaseerde stijlbestanden, die bepaalde nuttige visuele effecten genereren, zoals grijze raampjes, kleurentypografie en het overdrukken van tekst. In het laatste gedeelte toon ik hoe eenvoudig het is om PostScript fonts te gebruiken in LaTeX met het nieuwe fontselectie systeem (NFSS) van Frank Mittelbach.

[10\\_20.pdf](#) (225 KB)

**Yannis Haralambous**

*Virtual Fonts: Great Fun, Not for Wizards Only* (English), MAPS 10, 1993, 114-119

**keywords:** virtual fonts

**abstract:** This paper deals with virtual fonts. I would like to present some examples of their astonishing possibilities, taken from everyday typesetting (or almost).

[10\\_21.pdf](#) (122 KB)

**Yannis Haralambous**

*The Birth of a Virtual Font; The AdjKerns Utility* (English), MAPS 10, 1993, 120-123

**keywords:** virtual fonts, AdjKerns

[10\\_22.pdf](#) (41 KB)

**Alan Hoenig**

*When TeX and METAFONT Work Together* (English), MAPS 10, 1993, 124-139

**keywords:** METAFONT, labelling figures, figures with labels, curvilinear

**abstract:** When TeX and METAFONT communicate to each other, they can do more together than they can alone. This presentation concentrates on two illustrations of this principal, and urges readers to come up with more. When TeX becomes sensitive to information passed to it from METAFONT, it is possible to prepare diagrams and figures using METAFONT and then to have TeX prepare labels which can be precisely positioned within the figure. When communication goes the other way, TeX and METAFONT can prepare special purpose fonts which (among other things) can be set along curved baselines. Illustrations of both techniques are presented.

[10\\_23.pdf](#) (279 KB)

**David van Leeuwen**

*Getallen* (Dutch), MAPS 10, 1993, 140-141

**keywords:** numbers

[10\\_24.pdf](#) (25 KB)

**Johannes Braams**

*International quotations* (English), MAPS 10, 1993, 142-144

**keywords:** quotation marks

**abstract:** In this article some relatively simple macros are presented for people who need an occasional quotation mark that is different from the default quotation marks provided by TeX.

[10\\_25.pdf](#) (28 KB)

**Kees van der Laan**

*Typesetting number sequences; FIFO and some more* (English), MAPS 10, 1993, 145-148

**keywords:** typesetting sequences, citation lists, lists of references, linear sorting, FIFO, plain TeX

**abstract:** Typesetting sequences of numerical values, represented via symbolic names which get their values on the fly, is dealt with. The sorting of the sequence is done by a linear sorting algorithm, of complexity  $O(n^2)$ . Three or more consecutive numbers are typeset as a range. The objective was to encode typesetting sequences of numbers as simple, concise, general, compatible, modular, orthogonal, and ..., as possible in TeX.

[10\\_26.pdf](#) (68 KB)

**Kees van der Laan**

*Sorting in BLUe* (English), MAPS 10, 1993, 149-170

**keywords:** sorting, index preparation, database handling, multiple sorting keys

**abstract:** Macros for number and lexicographic sorting are supplied. Data can originate from the copy, from file, or generated automatically. Lexicographic sorting allows words with ligatures and diacritical marks. Applications treated are: sorting with respect to report generation with TeX as a database tool, sorting and compressing index.TeX, Knuth's index reminders file, and sorting control sequences separately. It is illustrated by various examples that a set can be sorted within TeX once the ordering of the set is defined and encoded in a comparison macro, in compliance with the parameter macro `\cmp`.

[10\\_27.pdf](#) (259 KB)

**Kees van der Laan**

*Manmac BLUes; or how to typeset a book via TeX* (English), MAPS 10, 1993, 171-191

**keywords:** computer-assisted typography, manmac, style, customizing, index preparation, plain TeX, fonts

**abstract:** The manmac macros are enumerated. A user's guide is provided, and the encodings are explained. As enhancements the writing of index reminders to the file index.TeX is elaborated upon, and how to incorporate AMS fonts and non-CM fonts is referred to. In the appendixes I provided the source of manmac and my personalized report template. With respect to the latter, I played with the idea of formatting the MAPS specials series in this way.

[10\\_28.pdf](#) (227 KB)

**Kees van der Laan**

*AMS BLUes; professionals at work* (English), MAPS 10, 1993, 192-212

**keywords:** computer-assisted typography, math, bibliography, mark up, AMSTeX, math fonts, cyrillic fonts, plain TeX

**abstract:** The significance of the American Mathematical Society for the TeX community at large, and more general the leading role of the AMS in the area of professional computer-assisted typesetting, is praised. AMS-TeX, AMS-LaTeX, their accompanying styles `amspt.sty`, respectively `amsart.sty`, as well as AMS fonts are discussed. AMS provides excellent user's and installation guides along with the software and fonts, all in the public domain. Despite the quality, an alternative approach -- and in detail some alternative encodings -- are provided. A publisher is strongly encouraged to take notice of the computer-assisted publishing activities of this pace-setting society. A new procedural idea with respect to specifying and formatting



bibliographies, given a background file of all the references an author is familiar with, is proposed to suit the author and the publisher.

[10\\_29.pdf](#) (234 KB)

### Sebastian Rahtz

*The 14th Annual TeX Users Group Meeting* (English), MAPS 10, 1993, 213-216

**keywords:** TUG conference, Aston

**abstract:** 'A World-Wide Window on TeX'

[10\\_30.pdf](#) (53 KB)

### anon.

*Table of Contents TUGboat* (Dutch), MAPS 10, 1993, 217-218

**keywords:** TUGboat, contents

**abstract:** Table of contents of TUGboat Volume 13.4.

[10\\_31.pdf](#) (19 KB)

### Gerard van Nes

*MAPS 93.2* (Dutch/English), MAPS 11, 1993, 1-227

**keywords:** NTG, MAPS, Minutes & Appendices

**abstract:** NTG's magazine

[maps11.pdf](#) (2629 KB)

### Jos Winnink

*Opening 11e NTG bijeenkomst 10 juni 1993* (Dutch), MAPS 11, 1993, 1-6

**keywords:** verslag, members meeting

**abstract:** Verslag bijeenkomst 19 november 1992; Ingekomen stukken en Mededelingen; NTG-jaarvergadering; Rondvraag en Sluiting; Voordrachten: 'Van font tot boek'; Volgende bijeenkomsten

[11\\_1.pdf](#) (88 KB)

### anon.

*Het weten waard* (Dutch), MAPS 11, 1993, 7-8

[11\\_2.pdf](#) (35 KB)

### Kees van der Laan

*Van de Voorzitter (1993/2)* (Dutch), MAPS 11, 1993, 9-10

**keywords:** chairman

[11\\_3.pdf](#) (23 KB)

### Gerard van Nes

*Van uw MAPS Editor (1993)* (Dutch), MAPS 11, 1993, 11

[11\\_4.pdf](#) (22 KB)

### Johannes Braams

*Concept begroting 1994* (Dutch), MAPS 11, 1993, 12-13

**keywords:** budget

[11\\_5.pdf](#) (17 KB)

### anon.

*NTG's Listserver TeX-NL* (Dutch), MAPS 11, 1993, 14-16

**keywords:** listserver, tex-nl

**abstract:** Overzicht gebruikers listserver.

[11\\_6.pdf](#) (30 KB)

### anon.

*NTG's Fileserver TeX-NL* (Dutch), MAPS 11, 1993, 17-23

**keywords:** fileserver

**abstract:** Overzicht inhoud NTG fileserver.

[11\\_7.pdf](#) (45 KB)

### Jules van Weerden

*TeX-NL archief* (Dutch), MAPS 11, 1993, 24

**keywords:** tex-nl

**abstract:** Deze bijdrage beschrijft de sinds kort aanwezige beschikbaarheid van het TeX-NL

archief op het internet. Zowel inzage is mogelijk in een subject-lijst als in de TeX-NL e-mails zelf.

[11\\_8.pdf](#) (23 KB)

### George Greenwade

*INFO-TeX* (English), MAPS 11, 1993, 25-27

**abstract:** This article is a adaption of the message send to new users on the INFO-TeX distribution list. It describes some additional features of the LISTSERV (including some other mailing lists) and the additional FILESERV facillity.

[11\\_9.pdf](#) (39 KB)

### Frans Goddijn, Henk de Haan

*FGBBS zes maanden later* (Dutch), MAPS 11, 1993, 28-35

**keywords:** FGBBS, bulletin board, LittleComm, Silver Express, offline reading, Fidonet, internet  
**abstract:** Henk de Haan en Frans Goddijn geven een uitleg over de werkzaamheden aan FGBBS. Nadat een directory met boeken op disk was gewist, werd de LaTeX-bibliotheek van FGBBS belangrijk uitgebreid. Er werd voor bezoekers een mogelijkheid geschapen om zowel in fidonet als Internet berichten te lezen en te schrijven. Ook een systeem voor offline reading werd aangelegd.

[11\\_10.pdf](#) (82 KB)

### John Timmerman

*Spoorboekje voor het inloggen op FGBBS met LittleComm* (Dutch), MAPS 11, 1993, 36-40

**keywords:** FGBBS, LittleComm, datacommunicatie

**abstract:** Zoals uit het kopje al blijkt, ga ik er hier vanuit dat je nog niet veel ervaring hebt met datacommunicatie, en dat je hebt gekozen voor het gebruik van LittleComm. LittleCommspoort je vlug, veilig en voordelig door het fascinerende land van de datacommunicatie. door hem gebruikte setup.

[11\\_11.pdf](#) (52 KB)

### Christina Thiele

*Greetings from TUG* (English), MAPS 11, 1993, 41-42

[11\\_12.pdf](#) (23 KB)

### Kees van der Laan

*NTG's Lustrum* (English), MAPS 11, 1993, 43-51

**keywords:** 4TeX, BBS, cooperation NLUUG, cooperation CyrTUG

**abstract:** NTG's youth in ConTeXT is depicted, with a wink to the future.

[11\\_13.pdf](#) (122 KB)

### Huib van Krimpen

*Ik ben een leek en vrij van pijnlijk weten* (Dutch), MAPS 11, 1993, 52-56

[11\\_14.pdf](#) (58 KB)

### Kees van der Laan

*TUG '93* (English), MAPS 11, 1993, 57-59

**keywords:** LaTeX companion, LaTeX2.09, NTS, outline fonts, PDF, CTAN, TUG conference, Aston

**abstract:** This report contains the main issues as perceived by the author. The idea is to get the flavor and my view of the good items across, at the expense of completeness.

[11\\_15.pdf](#) (47 KB)

### Kees van der Laan

*TUG Board of Directors* (English), MAPS 11, 1993, 60-61

**keywords:** BoD TUG, conference planning, long-range planning, public relations, TeXnical council, exchange of TUGboat and bulletins of LUGs

**abstract:** The following are the loosely formulated issues as perceived by me. For more preciseness the reader is referred to the (approved) minutes.

[11\\_16.pdf](#) (34 KB)

### Kees van der Laan

*CyrTUG '93 and some more* (English), MAPS 11, 1993, 62-66

**keywords:** CyrTUG, conference, cyrillics, MIR publishers

**abstract:** The first open CyrTUG meeting with a few participants from abroad. A rich touristic program next to the usual issues: courses, and special attention to the national TeX problems.

[11\\_17.pdf](#) (149 KB)

### Kees van der Laan

*What is TeX and METAFONT all about?* (English), MAPS 11, 1993, 67-87

**keywords:** AMSTeX, electronic publishing, LaTeX, METAFONT, EPS, SGML, hyperTeX

**abstract:** A survey of TeX, its flavours, and its twin sister METAFONT, within the context of Electronic Publishing, is given.

[11\\_18.pdf](#) (273 KB)

### Piet van Oostrum

*Gebruik en Management van TeX in een Unix omgeving* (Dutch), MAPS 11, 1993, 88-102

**abstract:** Een TeX systeem op een Unix systeem omhelst tegenwoordig veel meer dan alleen het gelijknamige programma. Een goed geïntegreerde werkomgeving is mogelijk voor het produceren van een veelzijdig scala aan documenten. We bespreken de structuur van het TeX systeem, de gangbare hulpmiddelen en pakketten eromheen, zoals printer drivers, previewers, font beheer, grafische pakketten, bibliografiebeheer, index beheer, spelling controle e.d. Verder besteden we aandacht aan de beheers- en installatie aspecten ervan, zowel voor een stand-alone systeem als voor een client-server omgeving met eventueel heterogene systemen.

[11\\_19.pdf](#) (177 KB)

### Geoffrey Tobin

*METAFONT for Beginners* (English), MAPS 11, 1993, 103-110

**abstract:** This is not a tutorial on METAFONT. It is an attempt to describe how some of the pitfalls in running the program may, hopefully, be avoided.

[11\\_20.pdf](#) (89 KB)

### Robert Best

*TeX zonder omhaal; voor Atari ST en andere PC's (II)* (Dutch), MAPS 11, 1993, 111-114

**abstract:** Deze cursus is een vervolg op die in MAPS 93.1. Na een inleiding in het eerste hoofdstuk werden toen in de volgende hoofdstukken behandeld: Boxen, METAFONT en PostScript, Figuren en een vreemd alfabet, en tot slot INITeX en INIMF. In deze bijdrage vervolgen we met hoofdstuk 6: het maken van een mooie brief, niet via `boxen' in TeX maar m.b.v. LaTeX. In hoofdstuk 7 bekijken we de `artikel-stijl', waarschijnlijk de meest gebruikte vorm van TeX. Dat leidt tot een vergelijking van TeX en LaTeX. En tot een alternatief: TeXsis. Deze cursus is een herdruk van een serie artikelen in het blad ST uitgegeven door Stichting ST. Daar zijn de in de tekst genoemde schijfjes te verkrijgen.

[11\\_21.pdf](#) (64 KB)

### Bobby Bodenheimer

*Frequently Asked Questions (II)* (English), MAPS 11, 1993, 115-125

**keywords:** FAQ, frequently asked questions, comp.TeXt.TeX

**abstract:** This article contains answers to some frequently asked questions on comp.TeXt.TeX. Please don't ask these questions again, as they've been answered many times before. Note that Guoying Chen (chen-guo@spunky.cs.nyu.edu) posts the monthly document Supplementary TeX Information to this newsgroup containing other information and software relevant to TeX users but beyond the scope of this article.

[11\\_22.pdf](#) (134 KB)

### Eberhard Mattes

*Frequently Asked Questions about emTeX* (English), MAPS 11, 1993, 126-127

**keywords:** FAQ, frequently asked questions

**abstract:** This is an edited version of a document called emTeX-user Frequently Asked Questions. Eberhard Mattes sent this document on october 3rd, 1993 to the emTeX-user list. In the community of dutch TeX-users emTeX is widely spread. So questions to the list are probably also valuable for many emTeX-users without direct access to the list.

[11\\_23.pdf](#) (28 KB)

### Wietse Dol

*Frequently Asked Questions about 4TeX (1)* (English), MAPS 11, 1993, 128-130

**abstract:** In this note I have gathered some frequently asked questions and remarks. Most of the questions and answers were proposed in Dutch, so I tried to translate them into English. Blame me for (m)any bad English.

[11\\_24.pdf](#) (44 KB)

### Philippe Vanoverbeke

*Gezeefd uit de TeX-NL discussielijst (1993/2)* (Dutch), MAPS 11, 1993, 131-132

**abstract:** Hier volgt opnieuw een selectie uit de NTG TeX-NL discussielijst. Er werden enkele (korte) items uitgelicht uit de onderwerpen die aan bod gekomen zijn tussen juni en september 1993.

[11\\_25.pdf](#) (26 KB)

### George Greenwade

*The Comprehensive TeX Archive Network (CTAN)* (English), MAPS 11, 1993, 133-140

**keywords:** CTAN, archives, FTP

**abstract:** This paper outlines the concept, development, and use of the Comprehensive TeX Archive Network (CTAN) -- a network-accessible archive for files related to the TeX family of document processing. The CTAN is a coordinated effort among consenting well-known archive sites which provides quick identification and retrieval files in a consistent manner from hosts on different continents, thereby reducing overall network load and increasing speed of retrieval. Moreover, it provides users with a parallel archive structure between hosts with holdings which are generally synchronized to within 30 hours of one another. This is achieved by routinely mirroring one another's holdings, as well as mirroring other archives to maintain an up-to-date collection of files.

[11\\_26.pdf](#) (86 KB)

### Phons Bloemen

*4allTeX: NTG's TeX voor MS-DOS* (Dutch), MAPS 11, 1993, 141-154

**keywords:** emTeX, 4TeX, distribution

**abstract:** Presentatie van het 4allTeX floppypakket. Opgezet als een TeX-installatie samengepakt op 1 HD floppy, uitbreidbaar met 'hapklare' brokken in de vorm van extra floppies. Het geheel is gebaseerd op het emTeX pakket van Eberhard Mattes, en het 4TeX-pakket.

[11\\_27.pdf](#) (106 KB)

### Phons Bloemen

*Shells for TeX* (English), MAPS 11, 1993, 155-159

**keywords:** 4TeX, TeXShell, user interface

**abstract:** This is a review of two 'shell' programs for emTeX, the PC-TeX implementation of Eberhard Mattes. The 'shells' provide an integrated development environment for making TeX documents. The two 'shells' presented here are TeXSHELL by Jürgen Schlegelmilch, and 4TeX by Wietse Dol, Erik Frambach and Maarten van der Vlerk.

[11\\_28.pdf](#) (67 KB)

### Wietse Dol

*Some notes about TeX and MS-Windows* (English), MAPS 11, 1993, 160-162

**abstract:** Many people know about TeX compilers and TeX utilities for the MS-DOS PC.

However, in the world of WINDOWS there is a lack of knowledge. This note is intended to inform people who like to run TeX under WINDOWS and want all the good stuff that WINDOWS and TeX offers.

[11\\_29.pdf](#) (47 KB)

### Roger Hunter

*A Future for TeX* (English), MAPS 11, 1993, 163-166

**abstract:** The future of TeX is invisibility. The role of TeX should be similar to that of the microprocessor in a PC. The microprocessor is the heart of the system, but is completely invisible except for the sticker which says 'intel inside.' TeX must be made invisible with appropriate front-ends. These front-ends should emphasize the manipulation of content over appearance and reverse the trend toward WYSIWYG (What You See Is What You Get) interfaces with their

emphasis on manipulation of appearance. Content-oriented interfaces provide far greater user productivity than WYSIWYG systems, and TeX is the ideal basis for such systems.

[11\\_30.pdf](#) (48 KB)

### Philippe Vanoverbeke

*Scientific Word,... een eerste indruk* (Dutch), MAPS 11, 1993, 167-170

**abstract:** Eind 1992 kreeg ik een beta-versie van Scientific Word in de bus. Dhr. Kruger was toen zo vriendelijk om mij dit pakket toe te sturen ter evaluatie. Hierna volgt het rapport(je) met mijn bevindingen dat ik hem destijds toestuurde. Zonder twijfel is het product inmiddels verder geëvalueerd en zijn mijn bevindingen dan ook hoogstwaarschijnlijk niet echt meer 'up to date'.

[11\\_31.pdf](#) (50 KB)

### Wietse Dol

*The ease of including graphics in TeX documents using 4TeX* (English), MAPS 11, 1993, 171-176

**abstract:** In this paper we will show how 4TeX can be used to incorporate graphics in TeX documents. Using 4TeX it not only becomes easy to include graphics in TeX files, but also makes it possible to preview and print TeX documents (including graphics) on any machine and any printer. For inserting graphics in TeX documents, 4TeX uses the style file figures.sty, the shareware programs TeXCAD and GRAPHIC WORKSHOP, and the freeware programs: HP2XX, BM2FONT, PCLTOMSP, and GHOSTSCRIPT. All these programs are discussed and we also discuss how 4TeX uses the strength of these programs to incorporate graphics in TeX documents.

[11\\_32.pdf](#) (151 KB)

### Michel Goossens, Frank Mittelbach, Alexander Samarin

*Customizing LaTeX lists* (English), MAPS 11, 1993, 177-184

**abstract:** In this article, which is part of the third chapter of our forthcoming book 'A LaTeX Companion', we take a look at LaTeX's list environments. First the various parameters and commands controlling the standard LaTeX lists, enumerate, itemize, and description, are discussed. Then the general list environment is introduced and we tell you how to build custom layouts by varying the values of the parameters controlling this environment.

[11\\_33.pdf](#) (77 KB)

### Johannes Braams

*An update on the babel system* (English), MAPS 11, 1993, 185-186

**abstract:** This article describes the changes that have been made to the babel system, since the article describing the system appeared in TUGboat Volume 12, number 2. This article announces the release of a new version of the babel system.

[11\\_34.pdf](#) (30 KB)

### Piet Tutelaers

*Herziene afbreekpatronen voor het Nederlands* (Dutch), MAPS 11, 1993, 187-190

**keywords:** hyphenation, new dutch

**abstract:** Dutch hyphenation patterns for TeX based upon 'Groene boekje 1990'

[11\\_35.pdf](#) (46 KB)

### Donald Arseneau

*Typesetting paragraphs of a specified shape* (English), MAPS 11, 1993, 191-193

**abstract:** Editor's note: This description of an unusual macro file, shapepar.sty, is taken from the documentation; the full style file can be found in CTAN archives.

[11\\_36.pdf](#) (43 KB)

### Marek Rycko, Boguslaw Jackowski

*TeX from \indent to \par* (English), MAPS 11, 1993, 194-198

[11\\_37.pdf](#) (70 KB)

### Rob de Jeu

*LaTeX at WKAP in Dordrecht* (English), MAPS 11, 1993, 199-200

**abstract:** In this article, I will explain a couple of things about the use of LaTeX at Wolters Kluwer Academic Publishers (WKAP), a scientific publisher in Dordrecht. WKAP came into existence in the '80s after the merger between D. Reidel Publishing Company, Martinus Nijhoff and Dr W. Junk. Each year, WKAP publishes approximately 200 scientific journals and about 500

books (in reality, 200 scientific journal titles translates into some 1200 journal issues).

[11\\_38.pdf](#) (27 KB)

### Philippe Vanoverbeke

*TeX en braille... een illusie?* (Dutch), MAPS 11, 1993, 201-204

**abstract:** Ongetwijfeld zal bovenstaande titel menig NTG-lid de wenkbrauwen doen fronsen...: Typografie, laat staan TeX, is nu wel het laatste wat wij in verband brengen met onze blinde medemens. In de volgende paragrafen zal ik pogen te verklaren waarom ik TeX als een mogelijk hulpmiddel zie voor de productie van (eenvoudige) documenten in braille.

[11\\_39.pdf](#) (43 KB)

### Kees van der Laan

*BLUe's bibliography -- a generic approach* (English), MAPS 11, 1993, 205-210

**keywords:** literature database, bibliography, plain TeX

**abstract:** A new and flexible approach to maintaining and using a bibliography database within (All)TeX is provided.

[11\\_40.pdf](#) (76 KB)

### Kees van der Laan

*Matrix icons via LaTeX* (English), MAPS 11, 1993, 211-212

**keywords:** matrix icons, LaTeX, picture environment

**abstract:** Some macros for typesetting matrix icons are provided, based upon LaTeX's picture environment, which don't need coordinate awareness: just the (dimensionless) sizes of the 'boxes.'

[11\\_41.pdf](#) (30 KB)

### Mary Dyson

*Teaching Typography -- The Didot Project* (English), MAPS 11, 1993, 216-218

**keywords:** digital typography, curriculum development, letterforms, project report

**abstract:** This paper briefly outlines the Didot project on teaching digital typography. A key issue, namely the nature of the interaction between computer and design specialists, is discussed and related to the type of material that could be included in a curriculum for digital typography. Teaching methods and material that have been developed in this area are outlined and an evaluation of one of these methods is described.

[11\\_43.pdf](#) (37 KB)

### Chris Rowley, Frank Mittelbach

*Announcement LaTeX2e -- A New Version of LaTeX* (English), MAPS 11, 1993, 219-220

**abstract:** LaTeX2e is a new, standard version of LaTeX-prepared and supported by the LaTeX3 Project Team.

[11\\_44.pdf](#) (35 KB)

### Nico Poppelier

*Review of recent LaTeX books* (English), MAPS 11, 1993, 221-222

**keywords:** book review

**abstract:** Reviews of 'A Guide to LaTeX, Document Preparation for Beginners and Advanced Users' (Helmut Kopka and Patrick Daly), 'LaTeX Line By Line, Tips and Techniques for Document Processing' (Antoni Diller).

[11\\_45.pdf](#) (29 KB)

### Michael Ferguson

*The Technical Council and Special Interest Working Groups* (English), MAPS 11, 1993, 223

[11\\_46.pdf](#) (21 KB)

### Mary Dyson

*Call for papers: TEP'94 & TUG'94* (English), MAPS 11, 1993, 224-225

**keywords:** call for papers, TEP, TUG conference, Darmstadt, Santa Barbara

**abstract:** call for papers for TEP'94 and for TUG'94.

[11\\_47.pdf](#) (28 KB)

### anon.

*Table of Contents TUGboat* (English), MAPS 11, 1993, 226-227

**abstract:** Table of contents of TUGboat Volume 14.1, 14.2 and 14.3.

[11\\_48.pdf](#) (36 KB)

**Gerard van Nes**

*MAPS 94.1* (Dutch/English), MAPS 12, 1994, 1-177

**keywords:** NTG, MAPS, Minutes & Appendices

**abstract:** NTG's magazine

[maps12.pdf](#) (2821 KB)

**Jos Winnink**

*Verslag (1994/1)* (Dutch), MAPS 12, 1994, 1-5

**keywords:** verslag, members meeting

**abstract:** Opening 12e NTG bijeenkomst 18 november 1993; Verslag NTG bijeenkomst van 10 juni 1993; Ingekomen stukken en Mededelingen; Begroting 1994; Wat verder ter tafel komt; LaTeX3; MAPS; Verslag bijeenkomsten; Verslag werkgroepen; Rondvraag; Voordrachten: '(La)TeX gebruikersomgeving'; Volgende bijeenkomsten; Sluiting

[12\\_1.pdf](#) (70 KB)

**anon.**

*Het weten waard* (Dutch), MAPS 12, 1994, 6-7

[12\\_2.pdf](#) (37 KB)

**Kees van der Laan**

*Van de Voorzitter (1994/1)* (Dutch), MAPS 12, 1994, 8-10

**keywords:** chairman

[12\\_3.pdf](#) (53 KB)

**Gerard van Nes**

*Van uw MAPS Editor (1994/1)* (Dutch), MAPS 12, 1994, 11-12

[12\\_4.pdf](#) (38 KB)

**Gerard van Nes**

*Jaarverslag NTG 1993* (Dutch), MAPS 12, 1994, 13-14

**keywords:** report NTG

[12\\_5.pdf](#) (36 KB)

**Johannes Braams**

*Financieel verslag NTG 1993* (Dutch), MAPS 12, 1994, 15-16

**keywords:** financial report

[12\\_6.pdf](#) (32 KB)

**Jos Winnink**

*Use of TeX and LaTeX within the NTG community* (English), MAPS 12, 1994, 17-18

**keywords:** TeX, LaTeX, LaTeX3

**abstract:** At the 1993 spring meeting of the Dutch TeX User Group (NTG) the NTG Board was asked to find out in what way TeX and LaTeX is used by its members. Main motivation for this question was to find out how important funding of the LaTeX-3 project for the members of NTG is. Therefore it was necessary to have insight in the use of TeX and related products/macro packages. It was decided that the board should held a inquiry among the members and if possible present the results at the fall 1993 meeting. This article describes the results of the survey.

[12\\_7.pdf](#) (25 KB)

**Erik Frambach**

*The making of the 4allTeX CD-ROM* (English), MAPS 12, 1994, 19-21

**keywords:** CDROM, 4allTeX, 4TeX, ISO9660

**abstract:** In about one half year the world's first turn-key TeX system on CD-ROM was produced. It contains the ms-dos TeX workbench 4TeX version 3.20 in perhaps the largest form ever, plus many TeX sources that are valuable to any TeX user. In this article we present a look behind the scenes, so you get some insight in the course of events that mark the production of NTG's first CD-ROM.

[12\\_8.pdf](#) (67 KB)

**Frans Goddijn, Henk de Haan**

*FGBBS: de jonge jarige* (Dutch), MAPS 12, 1994, 22-24

**keywords:** FGBBS, bulletin board, Fidonet, internet, 4allTeX, LittleComm, CDROM

**abstract:** Stonden de eerste zes maanden van het FGBBS in het teken van onafgebroken uitbreiding van file- en berichtengebieden en het telkens vergroten van de beoogde gebruikersvriendelijkheid, het afgelopen halfjaar hebben we met succes gestreefd naar stabilisatie van het systeem, overigens zonder de actualiteit uit het oog te verliezen.

[12\\_9.pdf](#) (31 KB)

### Wietse Dol

*4TeX 3.20 a technical note* (English), MAPS 12, 1994, 25-26

**abstract:** With the release of the CD-ROM there will also be a new release of the 4TeX workbench (version 3.20). In this note I will try and explain what will be different from the earlier versions (e.g. installed with 4allTeX).

[12\\_10.pdf](#) (25 KB)

### Wietse Dol

*Frequently Asked Questions about 4TeX (2)* (English), MAPS 12, 1994, 27-30

[12\\_11.pdf](#) (47 KB)

### Robert Best

*TeX zonder omhaal; voor Atari ST en andere PC's (III)* (Dutch), MAPS 12, 1994, 31-33

**keywords:** TeXDraw, MIDITeX, MusicTeX, BigTeX, MakeIndex

**abstract:** TeXDraw wordt getest. Veel Atari ST's worden gebruikt om elektronisch muziek te maken, op te nemen (MIDI) en af te drukken in muziekschrift. Dat afdrukken kan ook met TeX. Uitbreidingen van TeX zoals LaTeX, TeXsis en MusicTeX maken het zetje makkelijker en mooier, maar TeX heeft ook meer werkruimte nodig. We maken een BigTeX en een trefwoordenregister voor een lange tekst. Deze cursus is een herdruk van een serie artikelen uit het blad ST, uitgegeven door Stichting ST. Daar zijn de in de tekst genoemde schijfjes te verkrijgen.

[12\\_12.pdf](#) (100 KB)

### Mark van Veen

*TeX zonder omhaal; voor Atari ST en andere PC's (IV)* (Dutch), MAPS 12, 1994, 34-36

**keywords:** LaTeX2e

**abstract:** Deze keer gaat het over een recent uitgekomen macro-pakket, dat LaTeX2e heet. Dit pakket vormt een krachtige set macro's, waarmee je zonder al te veel van TeX af te weten goed uitzieende teksten kan produceren. Deze cursus is een herdruk van een serie artikelen uit het blad ST, uitgegeven door Stichting ST. Daar zijn de in de tekst genoemde schijfjes te verkrijgen.

[12\\_13.pdf](#) (37 KB)

### Michel Goossens

*LaTeX2e, an overview* (English), MAPS 12, 1994, 37-46

**abstract:** This article gives an overview of the new or extended user commands available with LaTeX2e, the new LaTeX release, compared to the previous version LaTeX 2.09. After introducing the new preamble commands, the extensions for defining new commands and environments, and handling length and boxes are discussed. The new font selection commands are explained, both for TeXt and math, and it is shown how to easily use different font families. A list of supported class and package files is given and new possibilities for controlling page contents and floats are discussed. Most of this material is described in much greater detail in 'The LaTeX Companion' and in the second edition of the LaTeX Reference Manual.

[12\\_14.pdf](#) (145 KB)

### Johannes Braams

*Standard Document Classes and Packages* (English), MAPS 12, 1994, 47-49

**abstract:** This article describes the Document Classes and Packages that are available or will be available shortly for use with LaTeX2e. The number of available Packages and Classes will obviously change once LaTeX2e is the 'official' LaTeX.

[12\\_15.pdf](#) (47 KB)

### Johannes Braams

*Upgrading old styles* (English), MAPS 12, 1994, 50-52

**abstract:** This article deals with the things you have to look for when upgrading and old .sty file



for LaTeX2e , turning it into either a Document Class or a Package.

[12\\_16.pdf](#) (51 KB)

### Sebastian Rahtz

*A brief guide to TeX assistants* (English), MAPS 12, 1994, 53-57

**abstract:** This paper offers a ‘back to basics’ overview of the various types of software which are of assistance to the TeXnical writer on a personal computer (this includes Unix machines, but excludes, for instance, VMS or VM/CMS systems). It is based on a presentation to the October UK-TUG meeting, and I am grateful to the other speakers, and our chairman Allan Reese, for insights and news. I would also like to refer readers to the Dutch TeX Group’s journal MAPS, whose issue 93.2 contains a variety of useful papers on TeX interfaces, two of which are reproduced in Baskerville Volume 3.2 (December 1993).

[12\\_17.pdf](#) (359 KB)

### Alan Jeffrey

*Building virtual fonts with ‘fontinst’* (English), MAPS 12, 1994, 58-59

**abstract:** This document gives a brief overview of the fontinst package. The fontinst package is used to build virtual fonts (VFs) which allow PostScript fonts to be used as drop-in replacements for the Computer Modern fonts in TeX. Below, I’ll describe VFs briefly, and describe how they can be built using the fontinst package.

[12\\_18.pdf](#) (32 KB)

### Nikos Drakos

*TeXt to HyperTeXt Conversion with LaTeX2HTML* (English), MAPS 12, 1994, 60-62

**abstract:** LaTeX2HTML is a conversion tool that allows existing documents written in LaTeX to become part of a global multimedia system. This paper presents some of the reasons for using such a system and describes the basic conversion process.

[12\\_19.pdf](#) (82 KB)

### Michel Goossens, Sebastian Rahtz

*Colour slides with LaTeX and ‘seminar.sty’* (English), MAPS 12, 1994, 63-68

[12\\_20.pdf](#) (200 KB)

### Norman Walsh

*Making TeX work* (English), MAPS 12, 1994, 69-91

**keywords:** book, table of contents, abstract, preface, book review, review

**abstract:** This article contains the Table of Contents, Preface, and Chapter 4 of ‘Making TeX Work’ by Norman Walsh; published by O’Reilly and Associates (ISBN 1-56592-051-1). No effort has been made to preserve the ‘look and feel’ of the book in this TeXt, and some simplifications have been performed (particularly with respect to special formatting issues and package names).

[12\\_21.pdf](#) (550 KB)

### Paul Thompson

*Review of ‘Making TeX work’* (English), MAPS 12, 1994, 92

**keywords:** book review, review

**abstract:** This is a review of the book ‘Making TeX Work’ by Norman Walsch

[12\\_22.pdf](#) (15 KB)

### Dimitrios Filippou

*Typesetting Greek TeXts by TeX and LaTeX* (English), MAPS 12, 1994, 93-96

**keywords:** TeX, LaTeX, Greek, fonts, packages, freeware, commercial

**abstract:** This paper contains some information on whatever exists for typesetting by TeX documents which contain entirely or in part Greek TeXt. Those who would like to typeset Greek TeXts not by plain TeX, but rather with LaTeX, may find this short article quite useful as well.

[12\\_23.pdf](#) (49 KB)

### Angelika Binding

*Springer authors do it with TeX* (English), MAPS 12, 1994, 97-99

[12\\_24.pdf](#) (33 KB)

### Hans Hagen

*TeX-verwerking bij PRAGMA* (Dutch), MAPS 12, 1994, 100-102

**keywords:** use of TeX, practice

**abstract:** PRAGMA uses TeX for producing educational TeXts. To facilitate development of educational materials, a dedicated macro package has been developed as well as a full featured TeX(t) editing environment.

[12\\_25.pdf](#) (62 KB)

### Hans Hagen

*Computerondersteund tekstgebruik* (Dutch), MAPS 12, 1994, 103-105

[12\\_26.pdf](#) (44 KB)

### Siep Kroonenberg

*Data publishing* (English), MAPS 12, 1994, 106-107

**keywords:** databases, spreadsheet, tables

**abstract:** This paper demonstrates how commercial software and LaTeX can work together in data publishing.

[12\\_27.pdf](#) (28 KB)

### Siep Kroonenberg

*Table design* (English), MAPS 12, 1994, 108-110

**keywords:** tables design, rules, whitespace, fonts, alignment, justification

**abstract:** A critical look at table typesetting as practiced by LaTeX users, with before-and-after examples.

[12\\_28.pdf](#) (52 KB)

### Kees van der Laan

*BLUe's Transparencies* (English), MAPS 12, 1994, 111-114

**keywords:** foils, formatting, generic style, slides, transparencies

**abstract:** TeX macros for formatting transparencies are provided. The macros have been designed with reusability of earlier formatted document parts in mind, with a wink to maintenance of the transparency set.

[12\\_29.pdf](#) (59 KB)

### Kees van der Laan

*BLUe's Bibliography* (English), MAPS 12, 1994, 115

**keywords:** literature database, bibliography, plain TeX

**abstract:** In addition to the earlier method of maintaining a database in TeX, it is shown how to load the entries selectively, without modifying the entries of the database.

[12\\_30.pdf](#) (22 KB)

### Kees van der Laan

*BLUe's Verbatim* (English), MAPS 12, 1994, 116-118

**keywords:** escape character, formatting, generic style, semi-transparent, verbatim

**abstract:** A suite of macros for verbatim mode is provided, which are simple, concise and flexible. The functionalities are: verbatim TeXt, and file verbatim inclusion, with 'options' for numbering and enabling of metacode. Options can be supplied via the toks variable `\thisverbatim`, and globally via `\everyverbatim`. The place within ConTeXt can be handled via the defs `\preverbatim` and `\postverbatim`. The macros are ConTeXt independent and can be used at the inner level with AnyTeX.

[12\\_31.pdf](#) (40 KB)

### Kees van der Laan

*TUGboat BLUes* (English), MAPS 12, 1994, 119-150

**keywords:** block comment, computer-assisted typography, EuroTeX, LaTeX, mark up, optional parameters, preprints, publisher formats, TTN, TUGboat, multi-columns, verbatim

**abstract:** The significance of TUGboat for the TeX community at large is praised. (l)tugboat.sty, tugboat.cmn and the TUG authors' guide are discussed, next to their siblings (l)tugproc.sty and the option euroTeX.sty. Article templates for the various 'styles as is' are provided. Independent and in addition to these I included customing files. Also included is my concrete proposal for a tug.ppt style-for preprints of tugboat.sty, and tugproc.sty, in the spirit of ams.ppt. Furthermore, a new and simple alternative to the handling of options for TeX is proposed, based on the toks variable

\this, analogous to \every. This is applied to handling verbatims, with as a result a compact suite of verbatim macros to be used with AnyTeX.

[12\\_32.pdf](#) (361 KB)

### Nico Poppelier

*Book review: 'Practical SGML' & 'Math into TeX'* (English), MAPS 12, 1994, 151-152

**keywords:** book review, SGML

**abstract:** Two new books are discussed: 'Practical SGML' from Eric Herwijnen, and 'math into TeX, a simple introduction to AMS-LaTeX' from George Grätzer.

[12\\_33.pdf](#) (27 KB)

### Donald Arseneau, Raymond Chen, Victor Eijkhout

*The TeX Hierarchy* (English), MAPS 12, 1994, 153-154

**abstract:** For the UNIX operating system, a list of characterizations exists describing what constitutes a novice, a user, a guru, ... Here we give a similar list for users of TeX. The reader is kindly asked to take this purely in a humorous vein.

[12\\_34.pdf](#) (31 KB)

### Sebastian Rahtz

*Obtaining TeX* (English), MAPS 12, 1994, 155-156

**keywords:** CTAN, FTP, archives

**abstract:** The UKTeX Archive (Internet 'Daughter' archive) on ftp.TeX.ac.uk is part of a collaborating network of archives organised by the TeX Users Group known as CTAN (Comprehensive TeX Archive Network). The three main archives now follow the same structure and have identical files (ftp.TeX.ac.uk, ftp.shsu.edu and ftp.uni-stuttgart.de).

[12\\_35.pdf](#) (24 KB)

### Leslie Lamport, LaTeX3 project team

*LaTeX2e -- Second Test Release* (English), MAPS 12, 1994, 157-158

**abstract:** The second test release of LaTeX is now available. Notes about this release are at the end of this announcement. The first release revealed a few serious bugs and several other areas which need attention. Many people reported that documents and style files had been processed by the new system without serious problems; this includes one very important test -- the original TeXt of 'The LaTeX Manual'! We can also report that this release has been tested with all the files in the LaTeX 2.09 test suite and produces only predictable differences in the output.

[12\\_36.pdf](#) (28 KB)

### David Thomas

*Literate Programming Frequently Asked Questions* (English), MAPS 12, 1994, 159-164

**abstract:** This document is for new and experienced users of literate programming tools. The purpose is to explain the concept of literate programming and to provide a resource for locating files of interest to literate programmers and those interested in literate programming.

[12\\_37.pdf](#) (61 KB)

### Kees van der Laan

*Report BachoTeX'94* (English), MAPS 12, 1994, 165-166

**keywords:** BachoTeX, trip report, music, book design, BLUe introduction

**abstract:** Education was about: -- survey of TeX,-- Polish typographical tradition,-- LaTeX2e,-- LaTeX2e,-- Indexing and bibliography making,-- dvips use and so on,-- fonts with TeX and PostScript,-- METAFONT. The contributions to the conference were about: -- emerging GUST archive,-- LaTeX and Polish,-- AmSLaTeX. Phil Taylor had the stage when talking in full colour about book design. Kees van der Laan talked about Manmac, and his BLUe system.

[12\\_38.pdf](#) (33 KB)

### Kees van der Laan

*Report NTeX'94* (English), MAPS 12, 1994, 167

**keywords:** Nordic TUG, NTUG annual meeting

**abstract:** The meeting of the Nordic countries was attended. Few people did show up because of the distance. Issues at stake were: -- hyphenation patterns for Norwegian,-- how to create your own documentsstyle,-- TUGboat blues.

[12\\_39.pdf](#) (26 KB)

**anon.**

*Announcement TUG '94* (English), MAPS 12, 1994, 168-169

**keywords:** TUG conference, Santa Barbara

**abstract:** Announcement of TUG '94 conference.

[12\\_40.pdf](#) (29 KB)

**anon.**

*Announcement EuroTeX'94* (English), MAPS 12, 1994, 170

**keywords:** EuroTeX, conference, announcement, Gdansk

**abstract:** Announcement of EuroTeX'94 conference.

[12\\_41.pdf](#) (16 KB)

**Erik Frambach, Wietse Dol**

*Announcement 4allTeX CD-ROM* (English), MAPS 12, 1994, 171-174

**keywords:** announcement, 4TeX, 4allTeX, CDROM

**abstract:** Announcement of NTG's 4allTeX cd-rom

[12\\_42.pdf](#) (37 KB)

**Erik Frambach, Wietse Dol**

*Cursusaankondiging 4TeX* (Dutch), MAPS 12, 1994, 175

**keywords:** courses, 4TeX

**abstract:** Aankondiging 4TeX cursus

[12\\_43.pdf](#) (16 KB)

**anon.**

*Table of Contents TUGboat* (English), MAPS 12, 1994, 176-177

**keywords:** TUGboat, contents

**abstract:** Table of contents of TUGboat Volume 14.4, and 15.1.

[12\\_44.pdf](#) (28 KB)

**Robin Fairbairns**

*100 Frequently Asked Questions* (English), MAPS 1994, 1-27

**keywords:** FAQ, frequently asked questions, Baskerville

**abstract:** 100 frequently asked questions answered. Topics are TeX, LaTeX, METAFONT, PostScript, special typesetting, format conversions, DVI drivers & previewers, recent TeX developments and more.

[100faq.pdf](#) (312 KB)

**Gerard van Nes**

*MAPS 94.2* (Dutch/English), MAPS 13, 1994, 1-214

**keywords:** NTG, MAPS, Minutes & Appendices

**abstract:** NTG's magazine

[maps13.pdf](#) (3930 KB)

**Frans Goddijn**

*Verslag (1994/2)* (Dutch), MAPS 13, 1994, 1-4

**keywords:** verslag, members meeting

**abstract:** Opening 13e NTG bijeenkomst 9 juni 1994; Verslag NTG bijeenkomst van 18 november 1993; Ingekomen stukken en Mededelingen; NTG ledenvergadering; Verslag werkgroepen; Rondvraag en Sluiting; Voordrachten: 'TeX en Educatie'; Volgende bijeenkomsten; Sluiting

[13\\_1.pdf](#) (63 KB)

**anon.**

*Het weten waard* (Dutch), MAPS 13, 1994, 5-6

[13\\_2.pdf](#) (38 KB)

**Johannes Braams**

*Van de Voorzitter (1994/2)* (Dutch), MAPS 13, 1994, 7

**keywords:** chairman

[13\\_3.pdf](#) (21 KB)

**Gerard van Nes**

*Van uw MAPS Editor (1994/2)* (Dutch), MAPS 13, 1994, 8-9  
[13\\_4.pdf](#) (68 KB)

**anon.**

*NTG's Listserver TeX-NL* (Dutch), MAPS 13, 1994, 10-11

**keywords:** listserver, tex-nl

**abstract:** Overzicht gebruikers listserver.

[13\\_5.pdf](#) (24 KB)

**anon.**

*NTG's Listserver 4TeX* (Dutch), MAPS 13, 1994, 12-13

**keywords:** listserver, 4TeX

**abstract:** Overzicht gebruikers listserver.

[13\\_6.pdf](#) (20 KB)

**Johannes Braams**

*Verlag TUG '94* (Dutch), MAPS 13, 1994, 14-17

**keywords:** conference, TUG conference, Santa Barbara

[13\\_7.pdf](#) (69 KB)

**Michel Goossens**

*Goossens at TUG '94* (English), MAPS 13, 1994, 18-22

**keywords:** TUG conference, Santa Barbara

[13\\_8.pdf](#) (72 KB)

**Kees van der Laan**

*Report CyrTUG '94* (English), MAPS 13, 1994, 23-26

**keywords:** CyrTUG, Dubna, PostScript, LaTeX2e

**abstract:** A magnificent trip to get to know the CyrTUG and its chapters better. Not only Moscow, but also Kazan and St-Petersburg. The driving force is hosted at MIR. The cooperation of the JINR at Dubna and CyrTUG is bound to become beneficial. As usual there were courses around the conference. Issues discussed during the conference: -- LaTeX developments,-- Use of colours,-- LaTeX and PostScript,-- UNIX platforms next to DOS,-- Various user reports,-- BLUe's set of macros on top of manmac.

[13\\_9.pdf](#) (338 KB)

**Michel Goossens**

*Goossens at EuroTeX'94 in Gdansk* (English), MAPS 13, 1994, 27-30

**keywords:** EuroTeX, conference, Gdansk

**abstract:** Report of EuroTeX'94 conference in Gdansk.

[13\\_10.pdf](#) (59 KB)

**Frans Goddijn, Henk de Haan**

*FGBBS: de kastelein* (Dutch), MAPS 13, 1994, 31-33

**keywords:** FGBBS, bulletin board, Fidonet, FrontDoor, internet, 4allTeX, CDROM

**abstract:** De komst van de 4allTeX CD-ROMs heeft de afgelopen maanden voor veel nieuws gezorgd, ook op FGBBS. Het NTG schonk FGBBS een CD-ROM drive, waarop de 4allTeX werd geplaatst. Inmiddels is de tweede editie 4allTeX gearriveerd, en deze is in zijn geheel beschikbaar via het bulletin board systeem.

[13\\_11.pdf](#) (30 KB)

**anon.**

*General information 4allTeX CD-ROM* (English), MAPS 13, 1994, 34-36

**keywords:** 4TeX, 4allTeX, CDROM

**abstract:** The most important items concerning the 4allTeX CD-ROM.

[13\\_12.pdf](#) (43 KB)

**Hans Pajmans**

*4allTeX, the ultimate TeX-resource* (Dutch), MAPS 13, 1994, 37-38

**keywords:** 4allTeX, review

**abstract:** In het Nederlandse maandblad 'Personal Computer Magazine' verscheen in het oktober

nummer de hier beschreven recensie van LaTeX/TeX en de onlangs verschenen 4allTeX CD-ROM.

[13\\_13.pdf](#) (28 KB)

### Hans Renkema

*The NTG 4allTeX CD-ROM on the Macintosh* (English), MAPS 13, 1994, 39

[13\\_14.pdf](#) (28 KB)

### Wietse Dol

*Makefont: a new 4TeX utility* (English), MAPS 13, 1994, 40-42

**abstract:** The second release of the 4allTeX CD-ROM comes with 4TeX 3.25. This version of 4TeX has a new utility that is not described in the manual. In this note I will explain the use of this extra feature: Makefont. With the makefont utility it becomes easy to include whatever PostScript font you need into your (La)TeX documents. If you have a complete font family of PostScript fonts you can also decide to develop your own style file and use this as your default font family (instead of the CMR family).

[13\\_15.pdf](#) (38 KB)

### Robert Best

*TeX zonder omhaal; voor Atari ST en andere PC's (V)* (Dutch), MAPS 13, 1994, 43-44

**abstract:** TeX kan niet alleen instructies uitvoeren maar ook vragen. Het resultaat hangt dan af van de antwoorden van de gebruiker: interactie. Als voorbeeld maken we een brief waarbij de gebruiker (die niets van TeX hoeft te weten) nog de afzender en de geadresseerde kan aangeven. En ... TeX doet niet moeilijk over Poolse accenten. Deze cursus is een herdruk van een serie artikelen uit het blad ST, uitgegeven door Stichting ST. Daar zijn de in de tekst genoemde schijfjes te verkrijgen.

[13\\_16.pdf](#) (34 KB)

### Rens Swart

*TeX zonder omhaal; voor Atari ST en andere PC's (VI)* (Dutch), MAPS 13, 1994, 45-50

**abstract:** METAFONT is een programma waarmee het mogelijk is om via wiskundig beschreven curves en oppervlakken lettertypes of andere symbolen te ontwerpen. Deze kunnen gebruikt worden in het zetprogramma TeX. Dit artikel gaat niet in op het werkelijke ontwerp-proces en zelfs nauwelijks op de faciliteiten die METAFONT hiertoe biedt, maar op de vraag hoe METAFONT functioneert in de Atari-omgeving, gebaseerd op het Public Domain pakket van Christoph Strunk. Kortom: hoe kun je aan het werk met METAFONT? Deze cursus is een herdruk van een serie artikelen uit het blad ST, uitgegeven door Stichting ST. Daar zijn de in de tekst genoemde schijfjes te verkrijgen.

[13\\_17.pdf](#) (89 KB)

### Frank Langbein

*NTeX 1.2* (English), MAPS 13, 1994, 51

[13\\_18.pdf](#) (19 KB)

### Frans Goddijn

*BLUe blood in math mode?* (English), MAPS 13, 1994, 52-54

**keywords:** Palatino, Johan Polak, Donald Knuth, Hermann Zapf, math fonts, TYPO-L, typography

**abstract:** Some time ago I started work on a book (a collection of letters written by one of the most renowned Dutch publishers, Johan Polak) and at the time I was typesetting it in the Palatino font. Then I heard that the creator of Palatino, the world famous Hermann Zapf, has worked with Donald Knuth. What did they do, I wondered? Is TeX more famous than we think it is? Did the fingers of both geniuses touch in the creation of our Math fonts? The replies to my queries in TYPO-L were promising. You decide.

[13\\_19.pdf](#) (44 KB)

### Frans Goddijn

*CijferBLUes: Verborgene schoonheid in LaTeX 2.09* (Dutch), MAPS 13, 1994, 55-56

**keywords:** oldstyle, mediaeval, digits, numbers

**abstract:** Een toevallige samenloop van omstandigheden brengt een even verbluffend mooie als

oeroude optie van TeX aan het licht, die tot dusverre door bijna iedereen over het hoofd is gezien. Prachtige ‘hangende cijfers’ zijn in de standaard Computer Modern fonts al sinds jaar en dag beschikbaar, als math italic.

[13\\_20.pdf](#) (42 KB)

**anon.**

*The new LaTeX: LaTeX2e* (English), MAPS 13, 1994, 57

**abstract:** The LaTeX3 project team is pleased to announce the release of the new standard version of LaTeX. It is upwardly compatible with existing LaTeX documents, and contains new features including the long-awaited graphics extensions.

[13\\_21.pdf](#) (14 KB)

**Johannes Braams**

*Document Classes and Packages for LaTeX2e* (English), MAPS 13, 1994, 58-64

**abstract:** In the first section of this article I describe what document classes and packages are and how they relate to LaTeX 2.09’s style files. Then the process of upgrading existing style files for use with LaTeX2e is described. Finally I give an overview of the standard packages and document classes that are part of the distribution of LaTeX2e.

[13\\_22.pdf](#) (101 KB)

**Dag Langmyhr**

*How to make your own document style in LaTeX2e* (English), MAPS 13, 1994, 65-72

**keywords:** LaTeX2e, document class design, document class implementation, lecture notes

**abstract:** The new LaTeX2e makes it very easy to create new document classes. This paper describes how to use the new features of LaTeX2e. The class ‘lecnotes’ -- a document class suitable for lecture notes -- is used as an example.

[13\\_23.pdf](#) (164 KB)

**Tetsuo Iwakumay, Tetsuo Furukawa**

*A Guide to use Macros and Style Files in LaTeX* (English), MAPS 13, 1994, 73-110

**keywords:** LaTeX2.09, optional style files

**abstract:** People may not need to read this article any more if LaTeX2e has been completed. But since this is somehow transient period from LaTeX v.2.09 to a new one, this kind of documents may be useful for those who are making documents every day and night. This is a concise guide for these people. Authors are hoping this may become a help to many users of LaTeX.

[13\\_24.pdf](#) (798 KB)

**Henk de Haan**

*Een proefschrift zonder knippen en plakken* (Dutch), MAPS 13, 1994, 111-114

**abstract:** LaTeX wordt voor veel verschillende soorten drukwerk gebruikt. In dit artikel wordt het vormgeven van een proefschrift met behulp van LaTeX2e beschreven. Hierbij spelen de persoonlijke voorkeuren van de auteur een belangrijke rol, zonder dat daarbij de krachtige mogelijkheden van LaTeX onbenut blijven.

[13\\_25.pdf](#) (199 KB)

**Hans Renkema**

*TeX: buitengewoon goed tekstverwerken* (Dutch), MAPS 13, 1994, 115-117

**abstract:** In bepaalde kringen is het tekstverwerkingsprogramma (of beter: het zetsysteem) TeX bijzonder populair. Het programma is vrij verkrijgbaar bij Bulletin Boards en bestaat ook in een versie voor de Mac. Hans Renkema is een enthousiaste TeX Macintosh gebruiker. In dit artikel geeft hij een beschrijving van TeX.

[13\\_26.pdf](#) (88 KB)

**Simon Pepping**

*TeX en SGML bij Elsevier Science* (Dutch), MAPS 13, 1994, 118-122

**keywords:** Elsevier, electronic publishing, LaTeX, SGML

**abstract:** Dit artikel beschrijft enkele aspecten van Elsevier Science’s electronic publishing programma. Alle tijdschriften in de Physics en Mathematics uitgeefprogramma’s accepteren LaTeX files van auteurs en gebruiken die voor publikatie. De dvi files gebruiken PostScript fonts die gekombineerd zijn in in-huis ontwikkelde virtuele fonts. In andere wetenschappelijke

disciplines worden auteurs files van een breed scala aan tekstverwerkings programmas geaccepteerd en gebruikt voor publikatie. In zijn toekomstige electronic publishing strategie kent Elsevier Science een centrale rol toe aan SGML. Alle binnenkomende artikelen zullen uniform gestructureerd worden met gebruik van SGML. Alle benodigde publikatietypen zullen uit deze ene bron worden gegenereerd. TeX is een uitstekende formatter voor sommige van deze publikatietypen.

[13\\_27.pdf](#) (66 KB)

### Michel Goossens, Frank Mittelbach

*Real life book production -- lessons learned from 'The LaTeX Companion'* (English), MAPS 13, 1994, 123-126

**abstract:** Some aspects of the production of The LaTeX Companion are described.

[13\\_28.pdf](#) (48 KB)

### Piet van Oostrum

*Headers and footers in LaTeX* (English), MAPS 13, 1994, 127-135

**abstract:** Standard LaTeX offers the page styles empty, plain, headings and myheadings. For simple page layouts these suffice, but they are rather rigid. A more flexible page layout may be obtained by using the FANCYHEADINGS package. This article describes how to create advanced page headers and footers in LaTeX documents by using this package. Some of the techniques described are also applicable with other page styles.

[13\\_29.pdf](#) (96 KB)

### Phons Bloemen

*METAFONT als matrixprinter* (Dutch), MAPS 13, 1994, 136-138

**keywords:** METAFONT

**abstract:** Een verslagje van een stoeipartij met METAFONT, waarbij METAFONT wordt 'misbruikt' als matrixprinter. Door alleen de vorm van de 'printnaalden' te definiëren, en een beperkt aantal plaatsen waar ze neer mogen komen, kun je heel snel een font in elkaar zetten.

[13\\_30.pdf](#) (114 KB)

### Phons Bloemen

*PostScript fonts in TeX* (English), MAPS 13, 1994, 139-148

**keywords:** PostScript fonts, automatic font generation, font installation

**abstract:** A guide through the jungle of installing and using PostScript and other types of fonts in TeX. The installation of the font is discussed, and it is shown how to use the fonts in an automatic font generation scheme.

[13\\_31.pdf](#) (131 KB)

### Jos Winnink

*(Al)DraTeX, a package for doing (portable) graphics in TeX* (English), MAPS 13, 1994, 149-152

**keywords:** graphics, TeX, LaTeX, DraTeX

**abstract:** Eitan Gurari's graphics package for (La)TeX is discussed.

[13\\_32.pdf](#) (148 KB)

### Jeroen Fokke, Piet van Oostrum

*Plaatjes in een tekst* (Dutch), MAPS 13, 1994, 153-166

**abstract:** In deze artikel wordt eerst aandacht besteed aan de (beperkte) mogelijkheden die LaTeX zelf biedt voor het maken van plaatjes. Soms zijn die voldoende, en dan is het wel zo gemakkelijk om die te gebruiken. Daarna wordt de rol van PostScript besproken bij het gebruik van plaatjes, al of niet in combinatie met LaTeX. Vervolgens wordt een vijftal tekenprogramma's besproken waarmee interactief ingewikkeldere figuren gemaakt kunnen worden. Tenslotte wordt aangegeven hoe 'bitmaps' (letterlijke afbeeldingen van het scherm van een computer) als plaatje behandeld kunnen worden. Dit laatste is vooral van belang bij het schrijven van handleidingen voor programma's.

[13\\_33.pdf](#) (495 KB)

### Hans Hagen, Ton Otten

*PPCHTeX: Chemische Structuurformules in TeX* (Dutch), MAPS 13, 1994, 167-177

**keywords:** ConTeXt chemics, PPCHTeX, chemical formulas, formulas chemical, structure



formulas

**abstract:** In dit artikel wordt een macropakket beschreven waarmee chemische (structuur)formules kunnen worden gezet. Dit pakket is te gebruiken bovenop Plain TeX, LaTeX en andere pakketten. Het pakket is in eerste instantie ontwikkeld bovenop ConTeXt. This article is about a package for typesetting chemical formulas. The package has a multi-lingual interface. This means that all all commands and keywords can be toggled to English. Some day, this article and the manual will be translated in English too.

[13\\_34.pdf](#) (201 KB)

### Hans Hagen

*Een meertalige interface naar TeX* (Dutch), MAPS 13, 1994, 178-182

**keywords:** interface, user interface, multilingual interface, ConTeXt interface

**abstract:** Macropakketten voor TeX zijn vrijwel altijd Engelstalig. In dit artikel wordt een meertalige interface beschreven, zoals die is toegepast in PPCHTeX, een pakket dat kan worden gebruikt om chemische structuurformules te zetten.

[13\\_35.pdf](#) (61 KB)

### Hans Hagen

*Sub- en Superscripts in Chemische Formules* (Dutch), MAPS 13, 1994, 183

**keywords:** superscript alignment, subscript alignment, PPCHTeX, font dimensions

**abstract:** In dit (korte) artikel wordt een mechanisme beschreven om subscript op een lijn te krijgen. Dit is nodig omdat de positie van een subscript mede bepaald wordt door de hoogte en diepte van een eventueel aanwezig superscript.

[13\\_36.pdf](#) (31 KB)

### Hans Kuykens

*MIDI2TeX, een MusicTeX tool* (Dutch), MAPS 13, 1994, 184-188

[13\\_37.pdf](#) (81 KB)

### Kees van der Laan

*BLUe's Format* (English), MAPS 13, 1994, 189-199

**keywords:** active documents, design, documentation, error handling, floats, format, inner versus outer world, inserts, lifephases formats, markup language, plain TeX, scripts, software engineering, reusable software parts, style, transparencies

**abstract:** An independent format -- blue.fmt -- is proposed to assist authors with creating, formatting, exchanging and maintaining compuscripts during the lifephases of publications. The format builds upon manmac.TeX and the functionalities provided by tugboat.sty. Experience gained by publishers has been picked up too, because of my in-depth study of the activities of AMS with respect to TeX formatting. More recent work of Knuth and co-authors has been borrowed from gkpmac.TeX. The design goal was to provide a format which suits me, which is easy to customize -- to the world outside, and in general to changing circumstances -- and which complies with the adages of software engineering. Another aim of blue.fmt is that it can be used throughout the lifecycle of publications on modest equipment to format articles, transparencies and you name it. The hoped for lifety is a lifetime. En-passant the design process is accounted for. New is the handling of a database of references -- with cross-referencing -- or pictures all in one-pass job.

[13\\_38.pdf](#) (137 KB)

### Kees van der Laan

*BLUe's Graphs* (English), MAPS 13, 1994, 200-206

**keywords:** circles, curves, databases, disks, graphics, format, lines, pictures, plain TeX, reusable software parts, selective loading, software engineering, splines, vectors

**abstract:** Graphics facilities for plain TeX have been collected from The TeXbook, manmac and gkpmac, as part of blue.fmt. The gkpmac picture macros are handy and provide a subset of LaTeX's functionality. A database of pictures is proposed. No interaction with METAFONT (or ) nor the incorporation of encapsulated PostScript have been treated.

[13\\_39.pdf](#) (82 KB)

### Kees van der Laan

*BLUe's Cross-referencing* (English), MAPS 13, 1994, 207-209

**keywords:** compatible extension, cross-referencing, graph referencing, math referencing, optional parameters, plain TeX, symbolic names, tables referencing

**abstract:** A one-pass semi-automatic cross-referencing scheme for math is proposed, which requires some hand adjustments when forward references are used. The method is just a little beyond manmac's approach, to assist BLUe.

[13\\_40.pdf](#) (58 KB)

#### **Kees van der Laan**

*Paradigms: Plain's \item-s extended* (English), MAPS 13, 1994, 210-211

**keywords:** BLUe format, items, plain TeX

**abstract:** The design and coding of items for BLUe's format is explained. The treated items -- bulleted, (automatically) numbered or alphabetized -- are a compatible extension to plain's \item. Pitfalls in use are mentioned.

[13\\_41.pdf](#) (24 KB)

#### **Kees van der Laan**

*Paradigms: Headache?* (English), MAPS 13, 1994, 212-214

**keywords:** BLUe format, headings, plain TeX

**abstract:** The design of headings for BLUe's format is explained, starting from the basic and general two-part macros up to the full-blown blue((sub)sub)head versions.

[13\\_42.pdf](#) (40 KB)

#### **Gerard van Nes**

*MAPS 95.1* (Dutch/English), MAPS 14, 1995, 1-217

**keywords:** NTG, MAPS, Minutes & Appendices

**abstract:** NTG's magazine

[maps14.pdf](#) (3540 KB)

#### **Frans Goddijn**

*Verslag (1995/1)* (Dutch), MAPS 14, 1995, 1-4

**keywords:** verslag, members meeting

**abstract:** Opening 14e NTG bijeenkomst 17 november 1994; Verslag NTG bijeenkomst van 9 juni 1994; Ingekomen stukken en mededelingen; Begroting 1995; Wat verder ter tafel komt; Communicatie; Rondvraag en Sluiting; Voordrachten; Volgende bijeenkomsten

[14\\_1.pdf](#) (66 KB)

#### **anon.**

*Het weten waard* (Dutch), MAPS 14, 1995, 5-6

[14\\_2.pdf](#) (46 KB)

#### **Johannes Braams**

*Van de Voorzitter (1995/1)* (Dutch), MAPS 14, 1995, 7

**keywords:** chairman

[14\\_3.pdf](#) (14 KB)

#### **Gerard van Nes**

*Van uw MAPS Editor (1995)* (Dutch), MAPS 14, 1995, 8-10

[14\\_4.pdf](#) (58 KB)

#### **Wietse Dol**

*Concept begroting 1995* (Dutch), MAPS 14, 1995, 11-12

**keywords:** budget

[14\\_5.pdf](#) (33 KB)

#### **Wietse Dol**

*Financieel verslag NTG 1994* (Dutch), MAPS 14, 1995, 13-14

**keywords:** financial report

[14\\_6.pdf](#) (38 KB)

#### **Gerard van Nes**

*Jaarverslag NTG 1994* (Dutch), MAPS 14, 1995, 15-17

**keywords:** report NTG

[14\\_7.pdf](#) (47 KB)

### Christina Thiele

*From the TUG President* (English), MAPS 14, 1995, 18

[14\\_8.pdf](#) (21 KB)

### Frans Goddijn

*Op FGBBS vaart alles wel* (Dutch), MAPS 14, 1995, 19-20

**keywords:** FGBBS, bulletin board, statistics, 4allTeX, OS/2

**abstract:** FGBBS kreeg weer de nodige uitbreidingen, waarvan een sneller modem het meest merkbaar is.

[14\\_9.pdf](#) (20 KB)

### Jules van Weerden

*TeX-NL discussielijst* (Dutch), MAPS 14, 1995, 21

**keywords:** listserver, tex-nl

**abstract:** Overzicht gebruikers listserver.

[14\\_10.pdf](#) (15 KB)

### Henk de Haan

*De NTG op het World Wide Web* (Dutch), MAPS 14, 1995, 22-23

**keywords:** NTG, internet, WWW, WWW

**abstract:** Het internet is een van de meest snel groeiende elektronische media. Dit is mede te danken aan het zogenaamde World Wide Web (WWW). In dit artikel wordt ingegaan op de functie van het Word Wide Web, het gebruikte tekstformaat (HTML) en de mogelijkheden die het voor de NTG kan hebben. Er wordt ingegaan op de huidige (experimentele) service en er worden een aantal mogelijke nieuwe toepassingen vermeld.

[14\\_11.pdf](#) (70 KB)

### anon.

*General information 3rd edition of the 4allTeX CD-ROM* (English), MAPS 14, 1995, 24-26

[14\\_12.pdf](#) (38 KB)

### Gerard van Nes

*Some Announcements from Usenet* (English), MAPS 14, 1995, 27-29

[14\\_13.pdf](#) (47 KB)

### Frank Mittelbach

*Announcement from the LaTeX3 Project Team* (English), MAPS 14, 1995, 30

**abstract:** We are pleased to present the final report on 'Math Font Encoding' produced by Justin Ziegler for the LaTeX3 project.

[14\\_14.pdf](#) (12 KB)

### Andrea de Leeuw van Weenen

*Diplomatic edition of a medieval Icelandic manuscript* (English), MAPS 14, 1995, 31-34

[14\\_15.pdf](#) (278 KB)

### Ed Boets

*Het digitaal produceren van een proefschrift* (Dutch), MAPS 14, 1995, 35-36

**keywords:** thesis, Docutech, digital, 4allTeX

**abstract:** Het digitaal produceren van een proefschrift beschrijft hoe een proefschrift, in LaTeX gemaakt, als postscript-file via het modem naar de drukker gestuurd kan worden om vervolgens op een Docutech systeem (600 dpi) gedrukt te worden.

[14\\_16.pdf](#) (27 KB)

### Erik Frambach

*METAFONT's mode\_def in action* (English), MAPS 14, 1995, 37-39

**keywords:** METAFONT, mode\_def, bitmapped fonts

**abstract:** In order to obtain maximum output quality when using METAFONT for rendering bitmapped fonts you need to specify the characteristics of the intended output device. This is done by defining a mode\_def in which several variables are assigned. The meaning and effect of these variables are discussed in a case study of two types of laser printers.

[14\\_17.pdf](#) (57 KB)

**Vladimir Batagelj**

*Combining TeX and PostScript* (English), MAPS 14, 1995, 40-46

**keywords:** PostScript, inclusion of graphics, dictionaries, error handling

**abstract:** PostScript is becoming a de facto standard as a device independent page description language. By embedding PostScript elements in TeX we can extend the use of TeX to new areas of application. In the first part of the paper we give some general information about PostScript and its features. In the rest of the paper we present some of our own experiences and solutions in combining TeX and PostScript: -- dictionaries, prolog files and how to save a lot of space with PostScript figures produced in CorelDRAW, Mathematica, ...;-- writing TeX-PostScript macros, case: drawing graphs (combinatorics) in TeX; PostScript error handling mechanism, an application in function graph drawing macro.

[14\\_18.pdf](#) (132 KB)

**David Barron**

*Portable Documents: Why Use SGML?* (English), MAPS 14, 1995, 47-48

**abstract:** In this article we present a few ideas as a framework for the discussion of portable documents. We address a number of questions: -- What are portable documents?-- Who needs them, and why?-- How to produce them, now and in the future.

[14\\_19.pdf](#) (24 KB)

**Jonathan Fine**

*Formatting SGML Manuscripts* (English), MAPS 14, 1995, 49-52

**abstract:** This article is about typography, SGML, TeX, and SIMSIM, which is a new TeX macro package. Close by are copies of several of the OHP transparencies. They were typeset directly from an SGML document instance using SIMSIM.

[14\\_20.pdf](#) (90 KB)

**Horst Szillat**

*SGML and LaTeX* (English), MAPS 14, 1995, 53-55

**abstract:** SGML -- Standard Generalized Markup Language -- is a formal language to describe structured TeXt documents. It should be introduced here by comparison to TeX and LaTeX.

[14\\_21.pdf](#) (38 KB)

**Peter Flynn**

*HTML & TeX: Making them sweat* (English), MAPS 14, 1995, 56-60

**abstract:** HTML is often criticised for its presentation-oriented conception. But it does contain sufficient structural information for many everyday purposes and this has led to its development into a more stable form. Future platforms for the World Wide Web may support other applications of SGML, and the present climate of popularity of the Web is a suitable opportunity for consolidation of the more stable features. TeX is pre-eminently stable and provides an ideal companion for the process of translating HTML into print.

[14\\_22.pdf](#) (53 KB)

**Geeti Granger**

*The Inside Story of Life at Wiley with SGML, LaTeX and Acrobat* (English), MAPS 14, 1995, 61-63

[14\\_23.pdf](#) (41 KB)

**Martin Key**

*Theory into Practice: working with SGML, PDF and LaTeX at Elsevier Science* (English), MAPS 14, 1995, 64-66

[14\\_24.pdf](#) (30 KB)

**Nikos Drakos**

*LaTeX2HTML Update '95* (Dutch), MAPS 14, 1995, 67-68

**abstract:** A new version of LaTeX2HTML (version 95.1) is available since January 1995. This article outlines some of the main changes.

[14\\_25.pdf](#) (33 KB)

**Arno Kemperman**

*LaTeX2HTML ervaringen; Van Handleiding in LaTeX tot Hulp Module op Internet* (Dutch),

MAPS 14, 1995, 69-73

**abstract:** Welkom op de digitale snelweg! Steeds meer informatie wordt er aangeboden op het Internet, en met het uitgroeien van het Internet groeit de onoverzichtelijkheid. In dit artikel wordt een toepassing van LaTeX2HTML beschreven waarbij een LaTeX document wordt omgezet naar een reeks goed gestructureerde pagina's op het World-Wide Web. Deze toepassing betreft een document die een handleiding is voor Internet-gebruikers (voornamelijk voor medewerkers van Laboratoriumvoor Analytische Chemie, KUN, Nijmegen). Er worden wat voordelen en voorbeelden van het LaTeX2HTML gebruik gegeven en hoe je het programma kunt aanpassen naar je eigen wensen. Bekijk de LaTeX documenten ook eens op deze moderne manier en blader eens met de muis door je tekst, getransformeerd tot een digitaal wonder op je scherm. Oftewel: LaTeX2HTML2!

[14\\_26.pdf](#) (117 KB)

### Norman Walsh

*A World Wide Web Interface to CTAN* (English), MAPS 14, 1995, 77-82

**abstract:** There are a lot of different software packages, style files, fonts, etc. in the CTAN archives. Finding the things you need in a timely fashion can be difficult, as I found out while writing Making TeX Work. The ability to combine descriptions of packages with the directory listings from CTAN could help alleviate some of the difficulty. HTML, the document structuring language of the World Wide Web, provides one possible means of combining different views of the archive into a single vision. The CTAN-Web project is my attempt to provide this vision.

[14\\_28.pdf](#) (204 KB)

### Arthur Smith

*An Introduction to HyperTeX* (English), MAPS 14, 1995, 83-86

**keywords:** hyperTeX, hyperlink, xhdvi, HTML, special

**abstract:** The popularity of the World-Wide-Web and the HTML hyperTeXt language for electronic distribution of information over the internet has thus far been difficult to extend to scientific documents, in part because TeX, the word processing language of choice for technical and mathematical documents, does not have the hyperTeXt capabilities necessary for full integration into the WWW. HyperTeX consists of a collection of extensions of TeX to handle both internal and external (local or networked) hyperTeXt, thus allowing the huge body of TeX-based documents to be more fully integrated with the WWW. This introduction was originally prepared for the American Physical Society e-print meeting at Los Alamos, New Mexico, Oct. 15, 1994.

[14\\_29.pdf](#) (57 KB)

### Otfried Schwarzkopf

*The HyperLaTeX Markup Language* (English), MAPS 14, 1995, 87-98

**keywords:** LaTeX, HTML, conversion, LaTeX, WWW, Emacs lisp

**abstract:** HyperLaTeX is a little package that allows you to use LaTeX to prepare documents in HTML (the hyperTeXt markup language used by the World Wide Web), and, at the same time, to produce a fine printed document from your input. You can use all of LaTeX's power for the printed output, and you don't have to learn a new language for creating hyperTeXt documents.

[14\\_30.pdf](#) (144 KB)

### Yannis Haralambous

*HTML --char' > LaTeX --char' > PDF, of de intrede van TeX in het hyperTeXt tijdperk* (Dutch), MAPS 14, 1995, 99-108

**keywords:** Acrobat, DVIHPS, PDF, repere, recticrt

**abstract:** Wij beschrijven hier het productieproces van elektronische hyper-documenten met behulp van LaTeX en Adobe Acrobat. Na een algemene beschrijving van de voor- en nadelen van LaTeX terzake geven we een omschrijving van elke stap, alsook van zekere te nemen voorzorgen met als doel efficiënte Acrobat documenten te bekomen. De lezer zal in dit artikel een beschrijving vinden van de software tools DVIPS repere en recticrt, en eveneens de basisprincipes van het formaat PDF. Vertaald door Philippe Vanoverbeke.

[14\\_31.pdf](#) (178 KB)

### Wiegert Tierie

*Adobe Acrobat 2.0; Beyond the bounds op paper* (English), MAPS 14, 1995, 109-119  
[14\\_32.pdf](#) (239 KB)

### Marion Neubauer

*Conversion from WORD/WordPerfect to LaTeX* (English), MAPS 14, 1995, 120-124

**keywords:** conversion, MS-WORD, WinWord, WordPerfect, RTF

**abstract:** Production of a large document with many contributors may require conversion of all submitted manuscripts into the same format, for example LaTeX. A large proportion of manuscripts are submitted in the formats of WORD and WordPerfect, two very popular word processing programs. I will discuss different approaches converting such files to LaTeX format. First of all the differences between the word processors MS-WORD and WordPerfect versus the document preparation system LaTeX will be explained, and problems encountered during TeXt conversion into LaTeX will be discussed. The conversion can be done either by means of a separate program (external conversion) or using macros, style sheets and a printer driver from within the word processors (internal conversion). Advantages and disadvantages of both methods for different types of TeXt elements such as plain TeXt, lists, tables and mathematical formulas will be discussed. This is followed by an overview of the conversion programs currently available.

[14\\_33.pdf](#) (79 KB)

### Hans Renkema

*TeXtures: zo goed als gezegd wordt?* (Dutch), MAPS 14, 1995, 125-126

[14\\_34.pdf](#) (31 KB)

### Jan Krugers

*Scientific Word / Workplace 2.0.1; Whats new?* (English), MAPS 14, 1995, 127-128

**keywords:** Scientific Word, WYSIWYG, MS-Windows, OS2WIN

**abstract:** Scientific Word version 1.x from TCI Software Research has gotten improvements and an offspring. The improvements are not only better support for different LaTeX styles and dialects but also more user conveniences and better stability. The offspring is Scientific Workplace, a similar Windows software package under Windows 3.1. But besides all the Scientific Word functions it also has a built-in Maple Version V interface and many Maple symbolic calculation functions. Not to forget that version 2.0.1. works fine under OS/2 Warp with all its speed and data exchange advantages.

[14\\_35.pdf](#) (35 KB)

### Cees Fortuin

*Scientific WorkPlace; een eerste indruk* (Dutch), MAPS 14, 1995, 129-130

**abstract:** Het pakket SCIENTIFIC WORKPLACE. versie 2.0(SWP), vroeger Scientific Word, is een uitgebreide versie van een 'WhatYouSeeIsWhatYouGet' tekstverwerker gebaseerd op LaTeX2e en werkend onder Microsoft Windows. De uitbreiding bestaat uit een deel van een 'Computer Algebra' pakket, de kernel van Maple. Verder is er een programma om toetsen samen te stellen, uit databestanden met opgaven. Deze voorlopige test van versie 2.0 is uitgevoerd op een IBM compatibele PC, met een 486 processor en 8MB intern geheugen, door een persoon met LaTeX 2.09 en Maple ervaring, maar zonder kennis van MSWindows ('waar is dat nou voor nodig...') of SCIENTIFIC WORKPLACE. Voor het installeren en testen zijn twee volle dagen gebruikt. Dit verslag geeft vanzelfsprekend slechts een eerste indruk van het pakket.

[14\\_36.pdf](#) (42 KB)

### Hans Hagen

*Kleurgebruik in TABLE* (Dutch), MAPS 14, 1995, 131-136

**keywords:** bgroupttchar' egrouptTaBLE, color tables, tables color, ConTeXt tables

**abstract:** Dit artikel beschrijft enkele macro's die het mogelijk maken binnen TABLE cellen van een tabel van een achtergrondkleur of raster te voorzien. We beperken ons tot een wat technische beschrijving en gaan voorbij aan de esthetische kant van de zaak.

[14\\_37.pdf](#) (64 KB)

### Hans Hagen

*TeX-verwerking in kleur* (Dutch), MAPS 14, 1995, 137-138

**keywords:** TeX visualizing, editing colored TeX, color TeX visualization

**abstract:** Vooral beginnende TeX-gebruikers ervaren de mix van commando's en tekst als verwarrend. Mede om die reden hebben wij zo'n vier jaar geleden onze tekstverwerker afgestemd op het gebruik van TeX, door TeX-commando's op een wat afwijkende manier weer te geven. Het blijkt dat, afgezien van aanvullende mogelijkheden om de syntax te controleren, het aantal fouten in commando's drastisch afneemt.

[14\\_38.pdf](#) (23 KB)

### Hans Hagen, Johan Jonker

*Een zwart-wit kijk op kleur* (Dutch), MAPS 14, 1995, 139-145

**keywords:** color gray conversion, color gray printing, color optimizing use, ConTeXt color palets

**abstract:** Wie tegenwoordig op een zwart-wit tv-toestel een uitzending volgt zal zich vaak tevreden moeten stellen met een weinig contrastrijk beeld. Na de introductie van de kleuren-tv is nog lang rekening gehouden met zwart-witkijkers. De keus van kleuren in decors werd mede afgestemd op de weergave in zwart-wit. Dit is niet verwonderlijk, omdat de zwart-witkijkers een ruime meerderheid vormden. Op papier lijkt zich een dergelijke ontwikkeling af te spelen. Voor kleurenprinters geschikte illustraties, kunnen op zwart-wit printers een matig beeld opleveren. Het is dan ook de vraag hoe we aan de 'wensen' van de overgrote meerderheid van zwart-wit printers tegemoet kunnen komen.

[14\\_39.pdf](#) (376 KB)

### Herman Haverkort

*Genezen van WPosis -- nu heb ik chronische TeXitis...* (Dutch), MAPS 14, 1995, 146-148

**abstract:** Bij het vormgeven van een voorstel voor reglementen overschreed een verstokte WordPerfect-gebruiker de grenzen van zijn geliefde tekstverwerker. Frans Goddijn hielp hem aan de TeX. In dit artikel geeft een nieuwe TeX-gebruiker een globale indruk van zijn laatste ervaringen met WordPerfect en zijn eerste ervaringen met TeX. Hij doet dit aan de hand van het werk aan een document waarin het mogelijk moest zijn om vele typografische middelen onafhankelijk van elkaar te gebruiken om verschillende soorten passages aan te duiden. Dit bleek in TeX goed te realiseren, zij het met veel inspanning, en het resultaat was zeer bevredigend. Toen het eerste document eenmaal gereed was, bleek het bovendien daarna zeer eenvoudig om soortgelijke documenten te zetten.

[14\\_40.pdf](#) (75 KB)

### Herman Haverkort

*HH Gets Carried Away; hhmuf, hhflxbox and hhcount* (English), MAPS 14, 1995, 149-155

**keywords:** circling, counter, dice, footnote, forbidden environment, frame, index

**abstract:** This article presents hhmuf's multinotes: special cheery footnotes to be used in special situations, including so-called 'forbidden environments'. Then it presents hhflxbox's self-scaling frames: encircling macros are provided but you can define enwhatevering macros yourself by means of the macros provided by hhflxbox. Finally hhcount is presented: macros to handle simple and composite counters in a fancy way.

[14\\_41.pdf](#) (137 KB)

### Herman Haverkort, Frans Goddijn

*The Scenario -- in Three Versions; hhparmrk does it* (English), MAPS 14, 1995, 156-162

**keywords:** paragraph, mark, distribution, select

**abstract:** During work towards a flexible document as a continuous report on a wide variety of contacts for the Meridian Arts Ensemble in New York, Frans Goddijn felt the need to tag and mark certain paragraphs for specific groups of readers. Herman Haverkort wrote a package for LaTeX2e, hhparmrk, which facilitates this by offering the possibility to set various signs next to paragraphs. This article presents hhparmrk, gives examples of its use and a short manual. For the hackers among us some of the TeXnical tricks involved behind the scenes are glanced at.

[14\\_42.pdf](#) (129 KB)

### Bernd Raichle

*Sorting in TeX's Mouth* (English), MAPS 14, 1995, 163-168

**keywords:** expansion, sorting, algorithms

**abstract:** TeX's macro processor, the so-called mouth, can be used to perform very complex tasks. Because this part of TeX's programming language is as powerful as a Turing machine, it is possible to implement algorithms using only TeX's mouth. I will show how sorting algorithms can be implemented in a straight-forward and very elegant and under-standable way using only macros and macro expansion TeXniques.

[14\\_43.pdf](#) (81 KB)

#### **Kees van der Laan**

*One by one the guests arrive* (English), MAPS 14, 1995, 169

**keywords:** philosophy, plain TeX

**abstract:** A plea is made for writing macros in plain TeX sufficiently documented to be used with all flavours of TeX.

[14\\_44.pdf](#) (23 KB)

#### **Kees van der Laan**

*BLUe's Format Databases* (English), MAPS 14, 1995, 170-177

**keywords:** active list separators, addresses, comment blocks, compatible extension, data integrity, databases, FIFO, lazy evaluation, list element tag, mail-merge, number ranges, pattern matching, pictures, plain TeX, references, reusable software parts, searching, selective loading, set macros, software engineering, table of contents, variant document parts

**abstract:** The backgrounds, use, and coding of BLUe's Format Databases have been discussed. Two kinds of databases have been introduced class I (data, such as addresses, references, and script parts for example pictures), and class II (macros, such as variant formats and tools). At the heart lies the selective loading TeXnique, which allows that only what is needed will be loaded on-the-fly. The data structures and operations on them have been treated. The use within the ConTeXT of typesetting scripts have been elucidated via examples. At the end the coding is explained.

[14\\_45.pdf](#) (102 KB)

#### **Kees van der Laan**

*BLUe's Index* (English), MAPS 14, 1995, 178-186

**keywords:** compatible extension, index, number ranges, one-pass job, ordering table, plain TeX, reusable software parts, software engineering, sort keys

**abstract:** The creation of a modest index within a one-pass TeX job is proposed. In general a proof run and a final run are needed. The markup for the index entries is the same as used by Knuth for The TeXbook. The process is controlled by the tags: `\sortindex` and `\pasteupindex`. The file which emerges after `\sortindex` can be enriched by hand, for example to include 'see also' and the like. Sorting keys can be specified too, as well as items which have to be ignored for the sorting. The macros have been developed for use with English documents. To leave open the use with other languages the ordering has been parameterized in an ordering table.

[14\\_46.pdf](#) (117 KB)

#### **Kees van der Laan**

*BLUe's Letters* (English), MAPS 14, 1995, 187-192

**keywords:** active list separators, addresses, address labels, compatible extension, databases, data integrity, FIFO, lazy evaluation, letter, list element tag, mail-merge, pattern matching, plain TeX, reusable software parts, set macros, software engineering

**abstract:** The backgrounds, use, design, and coding of BLUe's Letters format have been discussed. The purpose is to format a letter, merge it with address(es) from a database, and typeset it all with the appropriate background such as logo and the like, completely within TeX. Separate labels can be obtained too, either specified by name or searched for by pattern.

[14\\_47.pdf](#) (73 KB)

#### **Kees van der Laan**

*BLUe's Reports* (English), MAPS 14, 1995, 193-199

**keywords:** active list separators, compatible extension, databases, data integrity, FIFO, house style, lazy evaluation, list element tag, on the fly, pattern matching, plain TeX, reports, reusable software parts, separation of concerns, set macros, software engineering



**abstract:** The backgrounds, use, design, and coding of BLUe's Reports format have been discussed. The purpose is to format a report as a compatible extension of the default note format of BLUe's format. As such it is an example of how to customize BLUe's format system with a format of your own. The differences have to do with not only using titles but also reusing the titles for table of contents, list of examples, and running headlines the preliminary pages and cover pages which are absent with the default note format appendices may contain collected information from the script such as answer to the exercises (similar as in The TeXbook), table of examples, table of contents, and an index.

[14\\_48.pdf](#) (81 KB)

#### Kees van der Laan

*Paradigms: Two-part macros* (English), MAPS 14, 1995, 200-204

**keywords:** BLUe format, catcodes, multiple use of copy, plain TeX

**abstract:** The use of two-part macros in BLUe's format is discussed. First the reason why in general two-part macros are beneficial is explained. Practical examples from the TeX-NL discussion list have been treated. The automatic generation of a one-part macro on top of two-part macros is given. The impossibility of reusing copy with different catcodes in TeX is mentioned and illustrated with an example from the TeXbook.

[14\\_49.pdf](#) (73 KB)

#### Kees van der Laan

*Paradigms: Parameterization I -- options* (English), MAPS 14, 1995, 205-207

**keywords:** BLUe format, optional parameters, plain TeX

**abstract:** The use of options in BLUe's format is discussed. A survey is given of how Knuth coped with the functionality of optional arguments in TeX and manmac. As an extension to TeX's `\every` the BLUe's `\this` are introduced, with the advantage of simpler handling of arguments. It is contrasted with the use in TUGboat's style files and AMS's `ppt.sty`.

[14\\_50.pdf](#) (58 KB)

#### Kees van der Laan

*BLUe's Typesetting of PASCAL* (English), MAPS 14, 1995, 208-210

**keywords:** compatible extension, FIFO, Pascal, pattern matching, plain TeX, pretty-printing, reusable software parts, software engineering

**abstract:** The formatting of PASCAL programs within plain TeX is proposed. Only `\beginpascal` and `\endpascal` have to be added as markup. In general the literate programming tools are to be preferred, especially when designing, developing, documenting, and maintaining professional software.

[14\\_51.pdf](#) (45 KB)

#### Erik Frambach

*Reisverslag BachoTeX'95* (Dutch), MAPS 14, 1995, 212-213

**keywords:** BachoTeX, verslag, GUST, Poland

**abstract:** Verslag bijeenkomst Poolse TeX users group GUST.

[14\\_53.pdf](#) (81 KB)

#### anon.

*EuroTeX'95* (English), MAPS 14, 1995, 217

**keywords:** EuroTeX, conference, announcement

**abstract:** Announcement of EuroTeX'95 conference.

[14\\_54.pdf](#) (22 KB)

#### Wietse Dol

*MAPS 95.2* (Dutch/English), MAPS 15, 1995, 1-22

**keywords:** NTG, MAPS, Minutes & Appendices

**abstract:** NTG's magazine

[maps15.pdf](#) (1675 KB)

#### Frans Goddijn

*Verslag (1995/2)* (Dutch), MAPS 15, 1995, 1-4

**keywords:** verslag, members meeting

**abstract:** Opening 15e NTG bijeenkomst 24 mei 1995; Verslag NTG bijeenkomst van 17 november 1994; Ingekomen stukken en mededelingen; NTG ledenvergadering; Verslag commissie voor kascontrole / vaststelling nieuwe commissie; Bestuursverkiezingen; EuroTeX'95; Miscellaneous; Rondvraag en sluiting; Voordrachten.

[15\\_1.pdf](#) (56 KB)

### **Erik Frambach**

*Van de Voorzitter (1995/2)* (Dutch), MAPS 15, 1995, 5

**keywords:** chairman

[15\\_2.pdf](#) (14 KB)

### **Michel Goossens**

*Van de TUG President (1995)* (Dutch), MAPS 15, 1995, 6

[15\\_3.pdf](#) (14 KB)

### **Wietse Dol**

*Concept begroting 1996* (Dutch), MAPS 15, 1995, 7

**keywords:** budget

[15\\_4.pdf](#) (17 KB)

### **Wietse Dol, Gerard van Nes**

*Verslag 16e TUG-bijeenkomst* (Dutch), MAPS 15, 1995, 8-13

**keywords:** TUG conference, St. Petersburg, Florida

[15\\_5.pdf](#) (1471 KB)

### **Michel Goossens**

*TUG'95 at St. Petersburg Beach -- a Personal View* (English), MAPS 15, 1995, 14-20

**keywords:** TUG conference, St. Petersburg, Florida

[15\\_6.pdf](#) (77 KB)

### **anon.**

*EuroTeX'95 in Nederland!* (Dutch), MAPS 15, 1995, 21-22

**keywords:** EuroTeX, conference, Arnhem

**abstract:** Programma en inschrijfformulier EuroTeX conferentie.

[15\\_7.pdf](#) (57 KB)

### **Wietse Dol**

*Proceedings of the Ninth European TeX Conference* (English), MAPS 1995, 1-441

**keywords:** NTG, EuroTeX, conference, proceedings, Arnhem

**abstract:** Proceedings EuroTeX'95 in Arnhem

[euro95.pdf](#) (6708 KB)

### **Andrey Astrelin**

*Proceedings of the Ninth European TeX Conference* (English), MAPS 1995, 1-4

**keywords:** graphics, picture environment, bgroupttchar' egroup special

[E\\_1.pdf](#) (200 KB)

### **Alexander Berdnikov, S. Turtia**

*Proceedings of the Ninth European TeX Conference* (English), MAPS 1995, 5-10

**keywords:** graphics 3D, pictures, graphics, plotting

**abstract:** The MS DOS program which creates 2D and 3D TeX pictures for the plots of functions of two variables  $f(x,y)$  is described. In comparison with Gnuplot this program enables to plot the equilines (2D view) and the surface (3D view) pictures correctly and without memory overflow even for complex cases. The input is the ASCII file which contains the data points  $(X_{ij}, Y_{ij}, Z_{ij})$  of the function  $z = f(x,y)$  calculated over non-regular quadrangular mesh. The output is the ASCII file which contains the required picture in TeX format. The program has a flexible menu driven user interface and enables to create and to preview the output pictures with a variety of styles. At the time being the program supports LaTeX commands, EPIC/EEPIC macros and emTeX specials. In future the program should support TeX graphical tools like MFPiC, PiCTeX and EPS-files.

[E\\_2.pdf](#) (430 KB)

### **Alexander Berdnikov, S. Turtia**

*Proceedings of the Ninth European TeX Conference* (English), MAPS 1995, 11-16

**keywords:** virtual fonts, VFcomb

**abstract:** The MS DOS program which enables to simplify the design of the virtual fonts is described. Its main purpose was to facilitate the integration of CM-fonts with cyrillic LL-fonts created by O. Lapko and S. Strelkov but it can be used for various applications. It uses the information from TFM-files (converted to ASCII form by TFtoPL) and the ASCII data files created by the User on its input, and produces the VPL-file on its output which can be converted to the virtual font using VPtoVF. The characteristic feature of the program is that it can assemble the font ligature tables and user defined ligature tables for the characters extracted from various fonts and combine the metric information from various TFM-files. VFComb supports the full syntaxis of PL-files and VPL-files as it was defined by D.E. Knuth and adds new commands like symbolic variables or conditional operators, which simplifies the creation and the debugging of the virtual fonts.

[E 3.pdf](#) (264 KB)

### Johannes Braams

*Proceedings of the Ninth European TeX Conference* (English), MAPS 1995, 17-26

**keywords:** Babel, multi-language

**abstract:** In this article I will give an overview of what has happened to Babel lately. First I will briefly describe the history of Babel; then I will introduce the concept of ‘shorthands’. New ways of changing the ‘language’ have been introduced and Babel can now easily be adapted for local needs. Finally I will discuss some compatibility issues.

[E 4.pdf](#) (282 KB)

### Stanislav Brabec

*Proceedings of the Ninth European TeX Conference* (English), MAPS 1995, 27-34

**keywords:** typography, plain TeX

**abstract:** When I have started my professional typography works in plain TeX, I found many things, which are done in each document. Some of them are language specific or trivial, but there exists many topics, which are strongly untrivial, and often required. TeX has many limitations, but there is (in recent time) nothing better in whole the world. Thus, we have powerful macro language but we haven’t easy way to do many things: references, contents, page offsetting, interpretation of TeXt token by token, cooperation with PostScript devices, device independent color and line drawing capabilities, easy box rotation and landscaping, making sheets and booklets, making other margins than 1in, creating cropmarks, color signatures, color separations etc. Certainly, there is many powerful macro systems, but they are very big, often slow, and cancels many capabilities of plain TeX. I have been particularly inspired by them, and particularly by some macros for plain TeX. But many of these macros are incompatible, if you want to use two of them, because one overwrites settings of the second. This all is good reason to write powerful macros these things instead of creating trivial macros twice a month. Then you needn’t spend much time to correct bugs caused by these trivial macros. That’s why I have written my upages.TeX macros. This chapter doesn’t want to be a manual to these macros, but only an introduction with examples. upages.TeX macros consists on more parts. In this TeXt I will describe the most powerful and interesting parts of them. I hope that my macros will greet many plain TeXists. They makes easy to prepare documents and to make hooks and patches.

[E 5.pdf](#) (254 KB)

### Michel Goossens, Janne Saarela

*Proceedings of the Ninth European TeX Conference* (English), MAPS 1995, 35-104

**keywords:** SGML, HTML, WWW, DTD, ISO8879

**abstract:** SGML, the Standard Generalized Markup Language, deals with the structural markup of electronic documents. It was made an international standard by ISO in October 1986. SGML soon became very popular thanks in particular to its enthusiastic acceptance in the editing world, by large multi-national companies, governmental organizations, and, more recently, by the ubiquity of HTML, HyperTeXt Markup Language, the source language of structured documents on WWW. This article discusses the basic ideas of SGML and looks at a few interesting tools. It should provide the reader with a better understanding of the latest developments in the field of electronic

documents in general, and of SGML/HTML in particular.

[E\\_6.pdf](#) (808 KB)

### Michel Goossens, Janne Saarela

*Proceedings of the Ninth European TeX Conference* (English), MAPS 1995, 105-168

**keywords:** LaTeX2HTML, HTML, LaTeX, translation, conversion, tools

**abstract:** Both LaTeX and HTML are languages that can express the structure of a document, and similarities between these two systems are shown. A detailed study is made of the LaTeX2HTML program, written by Nikos Drakos, that is today the most complete utility for translating LaTeX code into HTML, providing a quasi-automatic translation for most elements. A discussion of a few other tools for translating between HTML and LaTeX concludes the article.

[E\\_7.pdf](#) (891 KB)

### Pedro Palao Gostanza, Manuel Núñez Garc'ia

*Proceedings of the Ninth European TeX Conference* (English), MAPS 1995, 169-180

**keywords:** Pascal, formatting, program code

**abstract:** This paper is based on our ideas about how a system which formats programs written in a structured language must work. Particularly, tools which help in typesetting TeXts where algorithms are described. Most of our ideas have been put in practice in the pascal system, which automatize the elegant layout of Pascal programs. This system is programmed as a TeX macro package.

[E\\_8.pdf](#) (355 KB)

### Hans Hagen, Ton Otten

*Proceedings of the Ninth European TeX Conference* (English), MAPS 1995, 197-222

**abstract:** This article is about a package for typesetting chemical formulas. The primary interface of this package is in the dutch language. Because PPCHTeX has a multilingual interface, all commands and keywords can be toggled to english. The Dutch version of this article is published in NTG's MAPS (94.2) and is translated to English by H. de Weert.

[E\\_10.pdf](#) (337 KB)

### Yannis Haralambous, Sebastian Rahtz

*Proceedings of the Ninth European TeX Conference* (English), MAPS 1995, 223-238

**keywords:** LaTeX, HTML, PDF, hyperTeX

**abstract:** An overview of the relation between LaTeX, HTML (WWW) and PDF is presented.

[E\\_11.pdf](#) (381 KB)

### Jörg Knappen

*Proceedings of the Ninth European TeX Conference* (English), MAPS 1995, 239-256

**keywords:** DC fonts, TS1 TeXt symbol encoding

**abstract:** I present the release 1.2 of the dc fonts and the companion TeXt symbol fonts. I give an overview of the improvements on the dc fonts from version 1.1 to 1.2. The rationale for introducing a TeXt symbol font is explained and the TeXt symbol encoding TS1 is presented. In the appendix, there are font tables of the mentioned fonts.

[E\\_12.pdf](#) (812 KB)

### Boguslaw Jackowski

*Proceedings of the Ninth European TeX Conference* (English), MAPS 1995, 257-272

**keywords:** METAFONT, PostScript, MFtoEPS

**abstract:** The MFtoEPS package enables METAFONT to produce EPS (Encapsulated PostScript) output.

[E\\_13.pdf](#) (522 KB)

### Kees van der Laan

*Proceedings of the Ninth European TeX Conference* (English), MAPS 1995, 273-278

**keywords:** active list separators, addresses, comment blocks, compatible extension, data integrity, databases, FIFO, lazy evaluation, list element tag, mail-merge, number ranges, pattern matching, pictures, plain TeX, references, reusable software parts, searching, selective loading, set macros, software engineering, table of contents, variant document parts

**abstract:** The use of BLUE's format databases is treated. A new issue is introduced since the

emerge of BLUe's Format system this spring. Boolean tags can be added to for example address.dat entries to denote fields and their contents. Together with `\search` one can easily obtain the list of names -- and via these names the full entries, i.e., the addresses -- of those who have not paid their membership fee, for example.

[E\\_14.pdf](#) (278 KB)

### Kees van der Laan

*Proceedings of the Ninth European TeX Conference* (English), MAPS 1995, 279-288

**keywords:** compatible extension, index, number ranges, one-pass job, ordering table, plain TeX, reusable software parts, software engineering, sort keys

**abstract:** The creation of a modest index within a one-pass TeX job is treated. In general a proof run and a final run are needed.

[E\\_15.pdf](#) (294 KB)

### Olga Lapko, Irina Makhovaya

*Proceedings of the Ninth European TeX Conference* (English), MAPS 1995, 289-294

**keywords:** Babel, russian, typography

**abstract:** As with other languages using nonlatin basis there are some typographic features and national peculiarities that must be shown in the style. The paper describes the Russian style with macros `\captionrussian` for four standard Russian documents, `\daterussian`, `\Asbuk` and `\asbuk` for Russian alphabet counters and `\mathrussian` for Russian math operators. Some problems concerning the usage of this style (e.g. usage of different encodings) are described.

[E\\_16.pdf](#) (279 KB)

### Andries Lenstra, Steven Kliffen, Ruud Koning

*Proceedings of the Ninth European TeX Conference* (English), MAPS 1995, 295-308

**keywords:** databases, data manipulating, filtering, ASCII

**abstract:** The authors explain how to handle data in TeX documents, in particular, how to avoid ever having to type in -- and check! -- the same data or TeXt twice. These data may be stored in ordinary (non-TeX) databases, in ASCII files arranged according to the easy daTeX format, or in the TeX document itself. daTeX works in plain TeX and is supposed to work in LaTeX.

[E\\_17.pdf](#) (285 KB)

### LaTeX3 project team

*Proceedings of the Ninth European TeX Conference* (English), MAPS 1995, 309-314

**keywords:** LaTeX, modifications

**abstract:** This is an updated version of a document that was first written to be part of the distribution of the new standard LaTeX. It was produced in response to suggestions that the modification and distribution conditions for the files in our system should be similar to those implied by Version 2 of the GNU General Public Licence, as published by the Free Software Foundation. Although we are by now convinced that the principles described here are sound, the detailed consequences of these for the distribution and modification conditions are still evolving. Thus this article should not be treated as a definitive version of these conditions, even at the date of its publication.

[E\\_18.pdf](#) (242 KB)

### Joachim Schrod

*Proceedings of the Ninth European TeX Conference* (English), MAPS 1995, 315-316

**keywords:** TDS, TeX Directory Structure, standardization

**abstract:** The concept of a standardized TeX directory structure is explained.

[E\\_19.pdf](#) (156 KB)

### Laurent Siebenmann

*Proceedings of the Ninth European TeX Conference* (English), MAPS 1995, 317-330

**keywords:** Occam's Razor, macro management, plain TeX, TeX typescripts, electronic publishing, docstrip, LaTeX

**abstract:** The philosophical principle known as Occam's Razor asserts that entities should not be multiplied beyond necessity. The TeX utility OCCAM is a tool to eliminate from a collection of supporting TeX macros (composite commands) those that are unnecessary in a given typescript.

Hopefully, it will serve to (a) let Plain TeX users produce typescripts which can be electronically posted in a compact form that is nevertheless autonomous and perfectly archival, and (b) to simplify a macro package before making modifications for a special purpose. The OCCAM utility will ultimately be programmed entirely in TeX language to assure that it is universally available. Today it is just an evolving prototype implemented with a bit of help from an editor (on Macintosh) that has a programmable control language based on GREP. To achieve reasonably automatic functioning of OCCAM, not requiring surveillance by a TeX programmer, it is necessary to maintain a carefully structured master version of each macro package involved; this .occ version can double as the documented source version of the package.

[E 20.pdf](#) (311 KB)

### Andrey Slepuhin

*Proceedings of the Ninth European TeX Conference* (English), MAPS 1995, 331-338

**keywords:** Church-Slavonik

**abstract:** The multilingual ability of TeX is one of its most important properties. Due to TeX it became possible to produce high-quality books in many different languages (sometimes with very exotic grammatic rules). For more than 10 years of its existence TeX became a real polyglot and it seems that it doesn't want to stop evaluating. In this paper one more, may be rather exotic, example of practical usage of TeX is considered, and also many ideas and solutions which result from 5-year experience of TeX using.

[E 21.pdf](#) (301 KB)

### Anton'in Strejc

*Proceedings of the Ninth European TeX Conference* (English), MAPS 1995, 339-350

**keywords:** Windows, typesetting proceedings, non-TeX-users

**abstract:** Since 1992 the "WORKSHOP 9x" seminar takes place at the Czech Technical University (CTU) every year. The aim of this wide seminar is to give all the CTU researchers or teams an opportunity to present their research projects in twenty minutes of speech and two pages of proceedings of the seminar. I solved the technical problem of making the proceedings using LaTeX. As the number of contributions increases year by year and the time for making the book is limited some automation of the typesetting process was and still is necessary. The W94 and W95 are attempts to transfer part of the typesetting work from the final typesetter to the authors. The W9x is simple single-purpose user-interface between LaTeX and the MS-DOS user who may know nothing about TeX and LaTeX. Some experiences (both technical and psychological) of using this system in the two last years are discussed in the paper and may be useful for organizers of seminars, conferences etc. where contributors are not TeX users and the proceedings are to be made with TeX.

[E 22.pdf](#) (337 KB)

### Daniel Taupin

*Proceedings of the Ninth European TeX Conference* (English), MAPS 1995, 351-358

**keywords:** MusicTeX, MusiXTeX, music

**abstract:** MusiXTeX is a new music typesetting package derived from MusicTeX, but it provides more beautiful scores than MusicTeX did. While MusicTeX was a single pass package, MusiXTeX is a three pass system: the first pass performs a rough TeXing which reports the spacings of each music section, the second pass is a computation of the best note spacings, and the third one is the final TeXing process. The beauty of single notes does not significantly differ from MusicTeX, but slurs are much more beautiful, and notes are regularly spaced instead of being irregularly spaced with glue.

[E 23.pdf](#) (304 KB)

### Philip Taylor

*Proceedings of the Ninth European TeX Conference* (English), MAPS 1995, 359-370

**keywords:** e-TeX, NTS, extended TeX, extensions, compatibility

**abstract:** e-TeX is the first concrete result of an international research & development project, the NTS Project, which was established under the aegis of DANTE during 1992. The aims of the project are to perpetuate and develop the spirit and philosophy of TeX, whilst respecting Knuth's

wish that TeX itself should remain frozen.

[E\\_24.pdf](#) (284 KB)

### Wiegert Tierie

*Proceedings of the Ninth European TeX Conference* (English), MAPS 1995, 371-390

**keywords:** Acrobat, PDF, Portable Document Format

**abstract:** An overview of the concept and features of Adobe Acrobat is given.

[E\\_25.pdf](#) (429 KB)

### Gabriel Valiente Feruglio

*Proceedings of the Ninth European TeX Conference* (English), MAPS 1995, 391-424

**keywords:** commutative diagrams, macro packages

**abstract:** There have been several efforts aimed at providing TeX and its derivatives with a suitable mechanism for typesetting commutative diagrams, with the consequent availability of several macro packages of widespread use in the category theory community, and a long debate about the best syntax to adopt for commutative diagrams in LaTeX3 has taken place during 1993 in the CATEGORIES discussion list. From the user's point of view, however, there is not much guidance when it comes to choosing a macro package, and even after a decision is made, the conversion of diagrams from the particular conventions of a macro package to another macro package's conventions may prove to be rather hard. Typesetting commutative diagrams is a surprisingly difficult problem, in comparison with TeX macro packages for other purposes, as judged by the amount of code needed and years of development invested. The existing macro packages for typesetting commutative diagrams are reviewed in this paper and they are compared according to several criteria, among them the capability to produce complex diagrams, quality of the output diagrams, ease of use, quality of documentation, installation procedures, resource requirements, availability, and portability. The compatibility of the different macro packages is also analyzed.

[E\\_26.pdf](#) (752 KB)

### Erik-Jan Vens

*Proceedings of the Ninth European TeX Conference* (English), MAPS 1995, 425-430

**keywords:** METAFONT, PostScript, Type 1 fonts, conversion

**abstract:** A report of the process of converting Hermann Zapf's Euler fonts from METAFONT sources to PostScript Type1 format.

[E\\_27.pdf](#) (229 KB)

### Jir'i Zlatuska

*Proceedings of the Ninth European TeX Conference* (English), MAPS 1995, 431-441

**keywords:** METAFONT, graphics

**abstract:** Combining METAFONT and TeX when typesetting TeXt and graphics together is shown on several occasions to bring very impressive results. A. Hoenig presented a method for communication between TeX and METAFONT in order to solve two problems otherwise difficult to handle within TeX or METAFONT alone: label placement for diagrams generated by METAFONT, and curvilinear typesetting. We show that the method for curvilinear typesetting (involving three passes in Hoenig's approach) can be considerably simplified by using the extended ligature mechanism of TeX 3, and that a single METAFONT pass is actually sufficient, with quite a simple interface on TeX's side. Institutional seal TeXt placement can be realized as a simple METAFONT application using this method. While PostScript offers ready-to-use easy solutions to this class of problems, METAFONT solutions can still be preferable to PostScript because of the ability of adding META-ness, e.g., by introducing second-order magnitude corrections/distortions to the letters and/or logos in order to enhance legibility when used in smaller sizes.

[E\\_28.pdf](#) (288 KB)

### Wietse Dol

*MAPS 96.1* (Dutch/English), MAPS 16, 1996, 1-139

**keywords:** NTG, MAPS, Minutes & Appendices

**abstract:** NTG's magazine

[maps16.pdf](#) (1463 KB)

**Frans Goddijn**

*Verslag (1996/1)* (Dutch), MAPS 16, 1996, 1-2

**keywords:** verslag, members meeting

**abstract:** Opening 16e NTG bijeenkomst 5 september 1995; Verslag NTG bijeenkomst van 24 mei 1995; Ingekomen stukken en mededelingen; Begroting 1996; Verslag TUG'95; Rondvraag en sluiting; Volgende bijeenkomsten.

[16\\_1.pdf](#) (46 KB)

**anon.**

*Het weten waard* (Dutch), MAPS 16, 1996, 3

[16\\_2.pdf](#) (37 KB)

**Erik Frambach**

*Van de Voorzitter (1996/1)* (Dutch), MAPS 16, 1996, 4

**keywords:** chairman

[16\\_3.pdf](#) (18 KB)

**Gerard van Nes, Wietse Dol**

*Van uw MAPS Editor (1996/1)* (Dutch), MAPS 16, 1996, 5-6

[16\\_4.pdf](#) (18 KB)

**Wietse Dol**

*Financieel verslag 1995* (Dutch), MAPS 16, 1996, 7-8

**keywords:** financial report

[16\\_5.pdf](#) (51 KB)

**Gerard van Nes**

*Jaarverslag NTG* (Dutch), MAPS 16, 1996, 9-11

**keywords:** report NTG

[16\\_6.pdf](#) (68 KB)

**Michel Goossens**

*Van de TUG President (1996)* (Dutch), MAPS 16, 1996, 12-13

[16\\_7.pdf](#) (19 KB)

**Frans Goddijn**

*Bericht van FGBBS* (Dutch), MAPS 16, 1996, 14-15

**keywords:** BBS, internet

**abstract:** Een beschouwing over de vraag of, sinds de opkomst van Internet, er nog behoefte is een BBS systeem. De voorlopige conclusie luidt dat een BBS op regionaal en klein-nationaal gebied een prettige aanvulling kan zijn op hetgeen het Internet te bieden heeft.

[16\\_8.pdf](#) (20 KB)

**Michel Goossens, Sebastian Rahtz**

*A plug-and-play teTeX CD-ROM* (English), MAPS 16, 1996, 16

**abstract:** GUTenberg and UKTUG, in collaboration with TUG and NTG, are producing a plug-and-play CD-ROM based on Thomas Esser's teTeX distribution. It adheres to the TDS (TeX Directory Structure) tree structure (see, for instance, TUGboat 16(4), pages 401-412).

[16\\_9.pdf](#) (11 KB)

**Michel Goossens**

*Attending EuroTeX'95 in Papendal* (English), MAPS 16, 1996, 17-23

**keywords:** EuroTeX, conference, Arnhem

**abstract:** Report of EuroTeX'95 conference in Arnhem.

[16\\_10.pdf](#) (105 KB)

**Wietse Dol, Erik Frambach**

*BachoTeX 1996* (English), MAPS 16, 1996, 24-25

**keywords:** BachoTeX, verslag, GUST, Poland

**abstract:** Verslag bijeenkomst Poolse TeX users group GUST.

[16\\_11.pdf](#) (46 KB)

**anon.**



*The 17th Annual TeX Users Group Meeting* (English), MAPS 16, 1996, 26-29

**keywords:** TUG conference, Dubna

[16\\_12.pdf](#) (83 KB)

### Dirk van Delft

*De kunst van het programmeren* (Dutch), MAPS 16, 1996, 30-32

**abstract:** Sinds 1962 werkt Donald Knuth aan een informaticabijbel die over twintig jaar af moet zijn. Tussendoor ontwierp hij een tekstverwerker met eigen typografie en legde hij een Mona Lisa uit dominosteentjes.

[16\\_13.pdf](#) (154 KB)

### Jack Woehr

*An Interview with Donald Knuth* (English), MAPS 16, 1996, 33-37

[16\\_14.pdf](#) (94 KB)

### Christina Thiele

*Knuth meets NTG members* (English), MAPS 16, 1996, 38-49

**keywords:** Knuth, dutch, visit, interview, NTG

**abstract:** On January 6th 1996, Kees van der Laan informed the NTG that Donald Knuth would be in Holland in March. Knuth was invited by the Mathematisch Centrum (MC, nowadays called Centrum voor Wiskunde en Informatica, CWI) because of CWI's 50th anniversary. Both Knuth and Mandelbrot were invited as speakers at the celebration. The NTG noticed that this was an exceptional occasion to organize a special meeting with Knuth for all Dutch TeX and METAFONT users who would like to meet the Grand Wizard himself. Fortunately Knuth accepted the NTG invitation and so a meeting was organized in 'De Rode Hoed' in Amsterdam on March 13th. About 35 people from all over the country and even from Belgium joined to meet Knuth. Everything was recorded on both video and audio tape by Gerard van Nes. Christina Thiele volunteered to write this transcript.

[16\\_15.pdf](#) (201 KB)

### Siep Kroonenberg

*TeX without 4TeX on the PC* (English), MAPS 16, 1996, 50-53

**keywords:** 4TeX, configuring, DOSKEY, Ghostscript

**abstract:** An example of a command-line interface for an existing 4TeX installation. Configuration involves defining environment variables and DOSKEY macros. This simplicity comes at the cost of greater dependence on PostScript/Ghostscript and the loss of some advanced features.

[16\\_16.pdf](#) (26 KB)

### Cees Fortuin

*Van dictaat tot boek* (Dutch), MAPS 16, 1996, 54-56

**abstract:** In 1980 werd ik docent natuurkunde aan de HTS te Arnhem voor de afdeling elektrotechniek. Toendertijd werd een leerboek gebruikt dat heel aardig de meer traditionele componenten behandelde, maar bijna niets wist te melden over wat tegenwoordig in een schakeling zit: dioden, transistoren en dat soort componenten. Een eerste navraag bij landelijke collega's leverde wel een soort werkgroepje op, maar niet de gezochte 'nieuwe' leerstof. Dus maar zelf schrijven. Dat moet in eerste instantie letterlijk worden opgevat, maar ook met een tekstverwerker als LaTeX moet veel zelf worden gedaan. Wat begon rond 1985 als dictaat, per hoofdstuk afgedrukt, eindigde rond 1995 als boek: twee delen 'Elektron natuurkunde' in de serie natuurkunde voor het HBO bij de Educatieve Uitgevers.

[16\\_17.pdf](#) (63 KB)

### Rom Pijlgroms

*Enkele ervaringen met LaTeX* (Dutch), MAPS 16, 1996, 57

**abstract:** Ter sprake komen de persoonlijke ervaringen met LaTeX rond onder meer de uitwerkingen en antwoorden-boeken van de methode 'Wiskunde voor het hoger onderwijs' (R. van Asselt, e.a., uitgave van: Educatieve Partners Nederland BV), de ervaringen met betrekking tot verzorgde bijscholingscursussen LaTeX t.b.v. het personeel van de faculteit en de overige tekstverwerkingsactiviteiten.

[16\\_18.pdf](#) (12 KB)

### Rein Smedinga

*Een LaTeX-cursus in Groningen* (Dutch), MAPS 16, 1996, 58

**abstract:** Begin mei heeft bij de afdeling wiskunde en informatica van de Rijksuniversiteit Groningen voor de tiende keer een LaTeX-cursus plaatsgehad. Onderstaand een kort relaas over het ontstaan van deze cursus en het doel ervan.

[16\\_19.pdf](#) (13 KB)

### Ben Geels

*Het gebruik van LaTeX voor wiskunde lessen* (Dutch), MAPS 16, 1996, 59

[16\\_20.pdf](#) (35 KB)

### Piet Tutelaers

*Van ms-troff naar LaTeX* (Dutch), MAPS 16, 1996, 60

[16\\_31.pdf](#) ( KB)

### Herbert Swan

*The LaTeX2HTML translator: An Overview* (English), MAPS 16, 1996, 61-73

**abstract:** LaTeX2HTML is, as its name implies, a translator which converts a standard LaTeX document into HyperText Markup Language (HTML), for incorporation into the World-Wide Web. Like LaTeX, it is freely available software, supported by highly dedicated volunteers. Unlike LaTeX, it is currently available only on UNIX platforms.

[16\\_21.pdf](#) (172 KB)

### Jan Jacobs, Jan-Egbert Sturm

*Zijn Scientific Word en TeX uitwisselbaar?* (Dutch), MAPS 16, 1996, 74-75

[16\\_23.pdf](#) (55 KB)

### Hans Hagen

*Typografisch programmeren* (Dutch), MAPS 16, 1996, 76-81

**keywords:** typographic programming, database publishing, ConTeXt interactive documents, screen design , interactive documents

**abstract:** In dit artikel wordt de ontwikkeling van een interactief document beschreven. De getoonde voorbeelden demonstreren de kracht van TeX als typografische programmeertaal. Omdat dergelijke documenten het moeten opnemen tegen (vaak dedicated) programma's, kan het ontwikkelen ervan worden omschreven als typografisch programmeren.

[16\\_24.pdf](#) (180 KB)

### Kees van der Laan

*Paradigms: It's all in the game* (English), MAPS 16, 1996, 82-84

**keywords:** BLUe format, dialogue with TeX, games, plain TeX, user interface

**abstract:** With the game tic-tac-toe as example it is shown how to dialogue with TeX. Three versions of a macro are discussed. The first prototype implements the bare-to-the-bones game. The other versions have increasingly better user interfaces and more intelligence implemented.

[16\\_25.pdf](#) (43 KB)

### Kees van der Laan

*Paradigms: The winds and halfwinds -- Details matter* (English), MAPS 16, 1996, 85-90

**keywords:** binary tree, BLUe format, graphics, plain TeX, recursion, trinary tree, turtle graphics

**abstract:** The implementation of the turtle graphics idea in plain TeX as part of BLUe's format graphics facilities has been discussed. Examples are the (recursive) coding of the Pythagorean and trinary trees. As spin-off the implementation of a (binary) chart -- a binary tree with labels -- is given. Rotation of trees goes simply by renaming the wind directions.

[16\\_26.pdf](#) (94 KB)

### Kees van der Laan

*BLUe-2-LaTeX -- expansion and some more* (English), MAPS 16, 1996, 91-99

**keywords:** BLUe script, conversion, MAPS, mouth processing, plain TeX

**abstract:** Conversion should not be a problem. It is best to use a general accepted tool, which comes with a preprint format. Until BLUe's format is generally accepted a BLUe script has to be converted to comply with publishers' formats to get it out. Conversion via TeX's expansion is

exercised in this note, with as result a plain TeX Convertor Assistant, in the spirit of AWK. In netland it does not matter because BLUe's format system is available from CTAN and NTG's 4allTeX CD-ROM, and therefore everybody can format BLUe scripts, and no conversion is needed.

[16\\_27.pdf](#) (113 KB)

### Kees van der Laan

*Graphics and TeX -- a reapraisal of METAFONT/* (English), MAPS 16, 1996, 100-107

**keywords:** computer art, constructivism, electronic paste-up, Gabo, graphics, Hilbert, hidden lines, METAFONT, PostScript, projection

**abstract:** It is all about the author's first steps in METAFONT, for creating graphics to be included in TeX documents, with a wink to . The graphics comprises 2D pictures and 2.5D images of 3D objects via projection techniques. Learning METAFONT was much easier than learning TeX. Included examples are: cat, Hilbert curve, and Gabo's linear construction in space no 2. A few highlights on macro writing in METAFONT have been selected. The appendix contains the table of contents of my anthology.mf file of examples.

[16\\_28.pdf](#) (137 KB)

### Piet van Oostrum

*Page layout in LaTeX* (English), MAPS 16, 1996, 108-125

**abstract:** This article describes how to customize the page layout of your LaTeX documents, i.e. how to change page margins and sizes, headers and footers, and the proper placement of figures and tables (collectively called floats) on the page. Originally this was the documentation of the fancyheadings package. It did contain also other info, e.g. advanced use of marks. It has now been upgraded to include more, e.g. the handling of floats. The fancyheadings documentation has been upgraded to conform to version 2 of this package 1 . For reasons of compatibility with certain operating systems, the name of the package has been changed to fancyhdr. Although this paper uses LaTeX2e commands, most of the techniques can be used with older LaTeX versions with appropriate changes.

[16\\_29.pdf](#) (167 KB)

### Hans Hagen

*Colored Verbatim* (English), MAPS 16, 1996, 126-139

**keywords:** visualizing TeX, ConTeXt verbatim, color verbatim, TeX visualizing

**abstract:** This module implements (just another) verbatim environment. Especially when the output of TeX is viewed on an electronic medium, coloring has a positive influence on the readability of TeX sources. About half of the module is therefore dedicated to typesetting TeX specific character sequences in color. In this article I'll present some macro's for typesetting inline, display and file verbatim. The macro's are capable of handling char'too.

[16\\_30.pdf](#) (85 KB)

### Wietse Dol

*MAPS 96.2* (Dutch/English), MAPS 17, 1996, 1-175

**keywords:** NTG, MAPS, Minutes & Appendices

**abstract:** NTG's magazine

[maps17.pdf](#) (1504 KB)

### Frans Goddijn

*Verslag (1996/2)* (Dutch), MAPS 17, 1996, 1-3

**keywords:** verslag, members meeting

**abstract:** Opening 17e NTG bijeenkomst 1 juni 1996; Notulen van de zestiende bijeenkomst van 5 september 1995; Ingekomen stukken en mededelingen; NTG ledenvergadering; Verslag commissie voor kascontrol en vaststelling nieuwe commissie voor kascontrole; Bestuursverkiezingen; Miscellaneous; Rondvraag en sluiting.

[17\\_1.pdf](#) (30 KB)

### anon.

*Het weten waard* (Dutch), MAPS 17, 1996, 4

[17\\_2.pdf](#) (37 KB)

**Erik Frambach**

*Van de Voorzitter (1996/2)* (Dutch), MAPS 17, 1996, 5

**keywords:** chairman

[17\\_3.pdf](#) (15 KB)

**Wietse Dol**

*Van uw MAPS Editor (1996/2)* (Dutch), MAPS 17, 1996, 6

[17\\_4.pdf](#) (32 KB)

**Wietse Dol**

*Concept begroting 1997* (Dutch), MAPS 17, 1996, 7

**keywords:** budget

[17\\_5.pdf](#) (32 KB)

**Michel Goossens**

*Een rol voor TeX in het 3de millennium* (Dutch), MAPS 17, 1996, 8

[17\\_6.pdf](#) (43 KB)

**Kees van der Laan, Erik Frambach**

*(Cyr)TuG, and some more* (Dutch), MAPS 17, 1996, 9-10

**keywords:** CyrTUG, TUG conference, Dubna

**abstract:** Report of TUG meeting in Dubna, Russia.

[17\\_7.pdf](#) (64 KB)

**Frans Goddijn**

*De spelling van het lot* (Dutch), MAPS 17, 1996, 11-16

**keywords:** new dutch, dutch spelling, spell checker, Groene Boekje

**abstract:** Het SPELLINGBESLUIT gepubliceerd in Staatsblad 394 (Besluit van 19 juni 1996, houdende voorschriften omtrent de schrijfwijze van de Nederlandse taal) heeft niet alleen gezorgd voor veel gekrakeel tussen neerlandici, maar het vormde ook een buitenkans voor uitgeverijen van werken als HET GROENE BOEKJE (binnen zes maanden 500.000 verkochte exemplaren). Kleinere ondernemingen brachten floppies op de markt met woordenlijsten en algoritmen. Intussen sloeg een groepje mensen (bestaande uit -- in alfabetische volgorde -- Erick Branderhorst, Erik Frambach, Frans Goddijn, Hans Hagen, Gerard van Nes, Piet Tutelaers, Jacoline van Weelden en Peter van Zeeland, en terzijde gestaan door Hans Linders) de handen ineen om te komen tot een vrij beschikbare, zo correct mogelijke Nederlandse woordenlijst.

[17\\_8.pdf](#) (76 KB)

**Hans Hagen**

*Heeft TeX nog toekomst?* (Dutch), MAPS 17, 1996, 17-22

**keywords:** future, TeX reflection

**abstract:** This articles is meant as a starting point for further discussion on the future of TeX. The author wrote this expose after a discussion in the NTG board concerning the future of TeX and the NTG.

[17\\_9.pdf](#) (82 KB)

**Gabriel Valiente Feruglio**

*Do journals honor LaTeX submissions?* (English), MAPS 17, 1996, 23-31

**keywords:** LaTeX, journals, submissions, academic

**abstract:** The survival of LaTeX in the academic world will depend on TeX and LaTeX evolving towards changing publishing practices, but also on publishers actually accepting LaTeX submissions. Much has been said about the former, with a recent feature number of TUGboat addressing the subject of electronic publishing. When it comes to the latter issue, however, it is often taken for granted that scientific journals honor LaTeX submissions. An extensive research over the Internet reveals that, on the contrary, at the turn of the century many journals still regret to accept LaTeX submissions, sometimes preferring RTF or even bare ASCII sources to TeX or LaTeX. This note discusses some of the issues behind this situation and compiles all journals known to the au-thor that accept electronic submission of LaTeX articles in source form, thereby complementing the TeX counterpart.

[17\\_10.pdf](#) (117 KB)

**Alan Hoenig**

*Introduction to ‘‘TeX Unbound: LaTeX & TeX Strategies, Fonts, Graphics, and More’’* (English), MAPS 17, 1996, 32-33  
[17\\_11.pdf](#) (37 KB)

**Alan Hoenig**

*Virtual Fonts, Virtuuous Fonts* (English), MAPS 17, 1996, 34-40

**abstract:** Virtual fonts allow us to use all digital fonts with TeX, even non-TeX ones, and do much more for us. What are virtual fonts? Several projects grant us necessary experience with them. This document comprises somewhat less than half of the similarly named chapter which will appear in the book *TeX Unbound: LaTeX and TeX Strategies for Fonts, Graphics, and More*, by Alan Hoenig, to be published in early 1997 by Oxford University Press. This excerpt is simplified so that it may be printed using the standard suite of TeX fonts; the original depends heavily on PostScript fonts and the author’s style file for its typesetting. Consequently, some displays could not be included. For any questions or comments, please contact the author at [ajhjj@cunyvm.cuny.edu](mailto:ajhjj@cunyvm.cuny.edu).

[17\\_12.pdf](#) (131 KB)

**Alan Hoenig**

*Detailed Contents for ‘‘TeX Unbound: LaTeX & TeX Strategies, Fonts, Graphics, and More’’* (English), MAPS 17, 1996, 41-45

**abstract:** This book will be published by Oxford University Press in early 1997. Contact the author at [ajhjj@cunyvm.cuny.edu](mailto:ajhjj@cunyvm.cuny.edu) for further information.

[17\\_13.pdf](#) (62 KB)

**David Carlisle**

*A LaTeX tour, part 1: the base distribution* (English), MAPS 17, 1996, 46-51

**keywords:** LaTeX, base distribution, documentation, guide

**abstract:** In this article I hope to give a ‘guided tour’ around the files that make up the basic LaTeX distribution. Subsequent articles in this mini-series will cover other packages by the LaTeX development team, and also some of the main contributed packages.

[17\\_14.pdf](#) (75 KB)

**David Carlisle**

*A LaTeX tour, part 2: the Tools and Graphics distribution* (English), MAPS 17, 1996, 52-56

**keywords:** LaTeX, tools package distribution, documentation, guide

**abstract:** In the previous article in this series I started by giving a description of the files in the ‘base’ LaTeX distribution. In part 2, I shall cover the ‘tools’ and ‘graphics’ distributions. These are distributed in the tools and graphics subdirectories of the CTAN directory `macros/LaTeX/packages`. Although these files are not part of the minimal base distribution they should normally be included in the LaTeX installation at any site. The LaTeX book assumes that at least the graphics distribution is installed.

[17\\_15.pdf](#) (98 KB)

**Herman Haverkort**

*FRISTI* (English), MAPS 17, 1996, 57-64

**keywords:** small, lists, directory, calendar, key fob, credit card, stuffing

**abstract:** This article gives an impression of my way of designing and typesetting very small telephone and address lists, birthday calendars etc. Design considerations and typesetting tricks are presented. The latter include macros which define the sheets (from A4 to credit card and even key fob size), macros to process data records (typically specified in a separate file) in various ways, and macros to stuff and stow data in very limited space.

[17\\_16.pdf](#) (165 KB)

**Alexander Berdnikov, Olga Grineva**

*PMGRAPH.STY: some useful macros which extends the LaTeX picture environment* (English), MAPS 17, 1996, 65-71

[17\\_17.pdf](#) (143 KB)

**Keith Reckdahl**

*Using EPS Graphics in LaTeX2e Documents* (English), MAPS 17, 1996, 72-114

**abstract:** This document explains how to use Encapsulated PostScript (EPS) files in LaTeX2e documents. The graphics and graphicx packages provide commands which insert, scale, and rotate EPS graphics.

[17\\_18.pdf](#) (277 KB)

### Dag Langmyhr

*StarTeX -- a TeX for beginners* (English), MAPS 17, 1996, 115-121

**keywords:** TeX format, novice TeX, robust TeX, error recovery in TeX, TeX with SGML notation

**abstract:** This article describes StarTeX, a new TeX format for students writing their first report and other novice users. Its aim is to provide a simpler and more robust tool for users with no previous knowledge of TeX and LaTeX.

[17\\_19.pdf](#) (107 KB)

### Kees van der Laan

*Paradigms: Loops* (English), MAPS 17, 1996, 122-125

**keywords:** BLUe format, loops, plain TeX, tail recursion

**abstract:** The implementation of loops in plain TeX is surveyed. Van der Goot's loop is a remarkable straight implementation of tail recursion. Nesting of loops and the pitfalls in there are discussed. The use of hidden counters and the flip-flop traversal are given.

[17\\_20.pdf](#) (79 KB)

### Kees van der Laan

*Paradigms: Searching* (English), MAPS 17, 1996, 126-131

**keywords:** BLUe format, databases, pattern recognition, plain TeX, tree searching, selective loading

**abstract:** Various ways of searching in plain TeX are surveyed. Its use in BLUe's format for selective loading of macros, addresses, pictures, formats and tools is discussed. Interactively searching through a binary tree in dialogue with TeX is also given.

[17\\_21.pdf](#) (58 KB)

### Kees van der Laan

*Paradigms: Sorting* (English), MAPS 17, 1996, 132-136

**keywords:** BLUe format, heap sort, index preparation, plain TeX, quick sort

**abstract:** Various ways of sorting in plain TeX are surveyed. Macros for linear sorting (in the mouth), quick sort and heap sort are given. The use for sorting index reminders for indexing on-the-fly is touched upon.

[17\\_22.pdf](#) (77 KB)

### Kees van der Laan

*Paradigms: Just a little bit of PostScript* (English), MAPS 17, 1996, 137-150

**keywords:** declarative program, EPS, Escher, graphics, imperative code, LaTeX, Koch, Malevich, math graphs, METAFONT, MFtoEPS, Mondrian, PostScript, projection, reverse video, ROEX, Schroefer, sideways tables, suprematism, TeXt along curved paths, tiling

**abstract:** It is all about creating EPS -- with graphics -- to be merged with (La)TeX scripts. The emphasis is on creating raw PostScript for simple symmetrical pictures. Asides, like incorporating accurate graphs of math functions, typesetting TeXt along curved paths, or tables set sideways, next to reverse video, clipping and tiling have been addressed. A poor man's MFtoEPS approach is touched upon: (declarative) METAFONT into (imperative) PostScript.

[17\\_23.pdf](#) (161 KB)

### Hans Hagen

*Visual Debugging in TeX: a short introduction* (English), MAPS 17, 1996, 151-156

[17\\_24.pdf](#) (168 KB)

### Hans Hagen

*Visual Debugging in TeX: how things are done* (English), MAPS 17, 1996, 157-174

**keywords:** ConTeXT, visual debugging, debugging, boxes, glue, penalties, kerns, fills

**abstract:** By redefining some TeX primitives, one can get an impression of what TeX and macros

are doing behind the screens. This article visualizes some rather common but often unnoticed TeX features. The visual debugger described here is part of ConTeXT, but can be used in plain TeX and other macro packages as well.

[17\\_25.pdf](#) (119 KB)

### Hans Hagen

*Where to find ConTeXT* (English), MAPS 17, 1996, 175

[17\\_26.pdf](#) (6 KB)

### Wietse Dol

*NTG's Public Relation Set* (Dutch), MAPS 1996, 1-36

**keywords:** NTG, introduction

**abstract:** Informatie voor geïnteresseerden in TeX & de NTG. Introductie over TeX met vele voorbeelden.

[NTG\\_pr.pdf](#) (633 KB)

### Taco Hoekwater

*MAPS 97.1* (Dutch/English), MAPS 18, 1997, 1-175

**keywords:** NTG, MAPS, Minutes & Appendices

**abstract:** NTG's magazine

[maps18.pdf](#) ( KB)

### Frans Goddijn

*Verslag Bijeenkomst* (Dutch), MAPS 18, 1997, 1-2

**keywords:** verslag, meeting, members meeting

**abstract:** Opening, Notulen, Ingekomen stukken en mededelingen, bestuursmutaties, subsidieaanvraag, begroting 1997, MAPS zaken, Activiteiten, Lustrumcommissie, Werkgroepen

[18\\_1.pdf](#) (30 KB)

### Erik Frambach

*Van de Voorzitter (1997/1)* (Dutch), MAPS 18, 1997, 3-4

[18\\_2.pdf](#) (27 KB)

### Taco Hoekwater

*Redactioneel (1997/1)* (Dutch), MAPS 18, 1997, 5

[18\\_3.pdf](#) (16 KB)

### anon.

*Het weten waard* (Dutch), MAPS 18, 1997, 6-7

[18\\_4.pdf](#) (36 KB)

### Erik Frambach, Wybo Dekker

*Financieel verslag 1996* (Dutch), MAPS 18, 1997, 8-9

**keywords:** financial report

[18\\_5.pdf](#) (14 KB)

### Gerard van Nes

*Jaarverslag NTG 1996* (Dutch), MAPS 18, 1997, 10-12

**keywords:** report NTG

[18\\_6.pdf](#) (37 KB)

### Michel Goossens

*TeX Users Group, gisteren, vandaag en morgen* (Dutch), MAPS 18, 1997, 13-14

[18\\_7.pdf](#) (33 KB)

### Frans Goddijn

*Bericht van FGBBS -- Voorjaar 1997* (Dutch), MAPS 18, 1997, 15-17

**keywords:** FGBBS, verslag

**abstract:** Hoewel "de loop eruit is" in de BBS winkelstraten, houdt FGBBS stand als het rustige knopenwinkeltje dat met enige regelmaat wordt bezocht door een kleine maar trouwe klantenkring uit de wijde omgeving.

[18\\_8.pdf](#) (34 KB)

### Kees van der Laan

*WG: Educatie -- een overzicht en oproep* (Dutch), MAPS 18, 1997, 18

**keywords:** working group, education

**abstract:** Een overzicht van de activiteiten binnen en buiten de WG wordt gegeven, met daarnaast een suggestie.

[18\\_9.pdf](#) (12 KB)

#### Taco Hoekwater

*WG: TeX & SGML* (Dutch), MAPS 18, 1997, 19

**keywords:** working group, SGML

**abstract:** Een korte introductie van de werkgroep SGML en een oproep voor geïnteresseerde leden

[18\\_10.pdf](#) (12 KB)

#### Erik Frambach, Hans Hagen

*De nieuwe NTG-WWW pagina's* (Dutch), MAPS 18, 1997, 21-23

**keywords:** NTG, internet, WWW

**abstract:** Sinds kort zijn de WWW-pagina's van de NTG (<http://www.ntg.nl>) geheel vernieuwd. Dit artikel geeft een overzicht van de ideeën achter de nieuwe opzet en uitvoering.

[18\\_11.pdf](#) (88 KB)

#### Frans Goddijn

*Gezeefd uit de TeX-NL discussielijst (1997)* (Dutch), MAPS 18, 1997, 25-36

**keywords:** tex-nl, discussionlist, tips, hints, beginner, help, stylefiles

**abstract:** In 1993 publiceerde Philippe Vanoverbeke in de MAPS tweemaal een selectie van berichten uit de TeX-NL lijst. Nu, een poosje later, wordt de draad weer opgepakt. Een aantal oplossingen, hints en gouden tips over onderwerpen waarvan je weleens denkt: "hoe zat dat ook alweer?" Deze informatie is, samen met nog veel meer van dergelijke waardevolle berichten uit TeX-NL, ook na te lezen op FGBBS in het berichtengebied FGBBS.ARCHIVE. Opvallend is dat in bijna alle gevallen het snelste en definitieve antwoord wordt gegeven door Piet van Oostrum ([piet@cs.ruu.nl](mailto:piet@cs.ruu.nl), <http://WWW.cs.ruu.nl/~piet>), zonder wie TeX-NL niet het zeer nuttige en snelle medium zou zijn dat het nu is. OOSTRUM-NL zou ook een goeie naam zijn.

[18\\_12.pdf](#) (95 KB)

#### Erik Frambach

*Conversie van BibTeX naar HTML, TeX en LaTeX* (Dutch), MAPS 18, 1997, 37-39

**keywords:** BibTeX, Perl, HTML, conversion

**abstract:** BibTeX-bibliografieën kunnen met behulp van een Perl-script vertaald worden naar HTML. Een variant op dat script levert een compleet LaTeX-bestand. Nog een andere variant levert een plain TeX-bestand dat naar believen bijgeschaafd kan worden. Als gereedschap is enkel Perl en (La)TeX nodig.

[18\\_13.pdf](#) (37 KB)

#### Ton Biegstraaten

*Het invoeren en afdrukken van de Latin-1 Characterset* (Dutch), MAPS 18, 1997, 41-44

**abstract:** Ten behoeve van een collegedictaat is een tabel nodig met de Latin-1 of iso-8859-1 characterset. Dit artikel behandelt het invoeren en afdrukken van deze characterset met behulp van LaTeX2e.

[18\\_14.pdf](#) (56 KB)

#### Michel Goossens, Sebastian Rahtz, Frank Mittelbach

*The LaTeX Graphics Companion* (English), MAPS 18, 1997, 53-60

**keywords:** abstract, table of contents, preface, LaTeX

**abstract:** This handy reference describes techniques and tricks needed to illustrate LaTeX documents, and answers common user questions about graphics and PostScript fonts. It provides the first full description of the standard LaTeX color and graphics packages, and shows how you can combine TeX and PostScript capabilities to produce beautifully illustrated pages. Following the successful format of em The LaTeX Companion, this new book will be an invaluable LaTeX resource for incorporating pictures into TeXt.

[18\\_16.pdf](#) (55 KB)

#### Hans Hagen



*Loading PicTeX without problems* (English), MAPS 18, 1997, 61-63

**keywords:** PICTeX, PPCHTeX

**abstract:** When using ppchTeX in LaTeX, one can run out of dimension registers. This article describes a loading mechanism that take care of proper loading of PICTeX, that is, by using as few dimensions as possible.

[18\\_17.pdf](#) (27 KB)

### Hans Hagen

*pdfTeX, een eerste indruk* (Dutch), MAPS 18, 1997, 65-67

**keywords:** PDF, pdfTeX, web2c

**abstract:** Currently a new extension of TeX is under development. This web2c based extension `pdftex` not only produces DVI output, but alternatively generates PDF code. Functionality as well as new primitives are described.

[18\\_18.pdf](#) (37 KB)

### Ton Otten

*Even voorstellen: de EPDA* (Dutch), MAPS 18, 1997, 69

[18\\_19.pdf](#) (17 KB)

### Hans Hagen

*Puzzling Graphics in METAPOST* (English), MAPS 18, 1997, 71-82

**keywords:** METAPOST, puzzles, graphics

**abstract:** METAPOST can be used for more than math oriented graphics. This article describes some macros for drawing arbitrary jigsaw puzzles and shifting puzzles. METAPOST can be fun!

[18\\_20.pdf](#) (243 KB)

### Siep Kroonenberg

*Scans and bitmaps in TeX* (English), MAPS 18, 1997, 83-85

**keywords:** scan, image, bitmap, resolution, halftone, PostScript

**abstract:** Guidelines are given for working with scans and bitmaps, with the emphasis on PostScript printing from TeX.

[18\\_21.pdf](#) (240 KB)

### Kees van der Laan

*Stars around 1 -- PostScript straightaway* (English), MAPS 18, 1997, 93-98

**keywords:** EPS, fractal, intersection, Koch island, METAFONT, METAPOST, MFtoEPS, outline, PostScript, ROEX, star, tiling

**abstract:** Drawing the outline of stars is discussed. A METAFONT/Post and a PostScript program are included, next to a Columbus' egg PostScript solution. The appendices contain compositions of stars and a few versions of a PostScript operator to calculate the intersection point of two lines determined by four points.

[18\\_23.pdf](#) (75 KB)

### Kees van der Laan

*Stars around 2 -- what a little math can do* (English), MAPS 18, 1997, 99-102

**keywords:** analytic geometry, clipping, intersection, linear equations, logo design, METAPOST, METAFONT, MFtoEPS, outline, PostScript, ROEX, tangent

**abstract:** The problems as treated by Jackowski in his lecture at NTG's 1996 fall meeting: a tangent to a circle, intersection of circles, V-like logo, and (circular) clipping of waves, are provided with alternative solutions, along with straightaway PostScript codes.

[18\\_24.pdf](#) (48 KB)

### Erik Frambach, Kees van der Laan

*BachoTeX 97 -- TeX from inside* (English), MAPS 18, 1997, 103-104

**keywords:** BachoTeX, GUST, Poland

**abstract:** A report of GUST's 5th conference in Bachotek, Poland.

[18\\_25.pdf](#) (54 KB)

### Ton Biegstraaten

*Een greep uit de fontverzameling van TeX* (Dutch), MAPS 18, 1997, 105-113

**abstract:** De verzameling fonts die beschikbaar is binnen TeX is zeer omvangrijk. In dit artikel

wordt een subjectieve poging gedaan hier iets van te laten zien.

[18\\_26.pdf](#) (1394 KB)

### Kees van der Laan

*TeX, BLUes, and Jazz -- a search for values* (English), MAPS 18, 1997, 115-116

**keywords:** BLUe, databases, jazz, plain TeX

**abstract:** How to use TeX for a database oriented application is shown by the example of a collection of Jazz CDs. The request was to provide (part) of the title of a tune and to let TeX response with all the CDs which contain that tune. Only a few lines of code was all that was needed to fulfill the purpose. The example might serve as a user-oriented stepping stone for understanding how in BLUe's format TeX as database engine has been used.

[18\\_27.pdf](#) (26 KB)

### Andries Lenstra, Ruud Koning

*Gegevensverwerking met daTeX* (Dutch), MAPS 18, 1997, 117-123

**keywords:** databases, data integrity, daTeX

**abstract:** De auteurs geven een inleiding in daTeX. Dat is een verzameling macro's waarmee gegevens eenvoudig kunnen worden verwerkt in een TeX of LaTeX file. Twee voorbeelden illustreren de grote mogelijkheden van deze macro's. Een uitgebreide handleiding en de macro's zelf staan op [www.xs4all.nl/~rhkoning](http://www.xs4all.nl/~rhkoning).

[18\\_28.pdf](#) (72 KB)

### Taco Hoekwater

*lyx: een front-end voor LaTeX of een TeXtprocessor?* (Dutch), MAPS 18, 1997, 145-150

**keywords:** LyX, review, WYSIWYG, front-end

**abstract:** Dit artikel is een recentie van het programma LyX. Lyx is een programma voor X windows dat dient als (bijna-)WYSIWYG schil bovenop LaTeX. De huidige stabiele beta-versie, die hier dan ook besproken wordt, is versie 0.10.7. Het programma wordt geschreven door een aantal auteurs onder 'leiding' van Matthias Ettrich ([ettrich@informatik.uni-tuebingen.de](mailto:ettrich@informatik.uni-tuebingen.de)).

[18\\_31.pdf](#) (121 KB)

### Taco Hoekwater

*kdvi: een verbeterde xdvi* (Dutch), MAPS 18, 1997, 151-154

**keywords:** DVI previewer, previewer, X, interface

**abstract:** kdvi is een aangepaste versie van xdvi, een DVI previewer voor het X Window Systeem. De belangrijkste verandering is het gebruik van een 'echte' grafische interface ter vervanging van de nogal primitieve widgets van xdvi. kdvi is em alpha software, de huidige versie is 0.2. De auteur is Markku Hihnala ([mah@ee.oulu.fi](mailto:mah@ee.oulu.fi)).

[18\\_32.pdf](#) (129 KB)

### Kees van der Laan

*DVIPS manual -- good old portability, and some more* (English), MAPS 18, 1997, 155-159

**keywords:** aligning figures, BLUe format, captions, DVI, EPS, figures, minimal markup, overprinting, portability, PostScript

**abstract:** Portable manuals should be written and marked up in this way. Just a few macros to take care of the formatting. The manual can be easily personalized. The dvips manual has been made available as a BLUe report with an index -- based on IR-s by Rokicki -- and a ToC. Both are welcome when using the manual. Some experience in using dvips under UNIX is also reported: overprinting a picture, adding a caption, and aligning pictures. A pitfall in using psfig is mentioned as well.

[18\\_33.pdf](#) (61 KB)

### Hans Hagen

*How to handle compound and bounded words* (English), MAPS 18, 1997, 161-166

**keywords:** compound words, hyphenation, ConTeXT, boundary characters

**abstract:** The dutch language permits words to be combined in many ways. To permit such compound words to be hyphenated properly, a versatile mechanism is presented, that handles all kind of compound and boundary situations. Although part of ConTeXT, this module can be used in other packages as well.

[18\\_34.pdf](#) (44 KB)

### Johannes Braams

*Een moderne toren van Babel* (Dutch), MAPS 18, 1997, 167-170

**abstract:** In deze voordracht zal ik kort aandacht besteden aan ‘wat is TeX’, ‘wat is LaTeX’. Hierbij komt ook het concept van ‘structuur markup’ aan de orde. Vervolgens zal ik ingaan op de geschiedenis van het babel pakket. Aan de hand van een aantal voorbeelden zal ik toelichten welke problematiek zich voordoet bij het op een correcte wijze vormgeven van documenten waarin meerdere talen worden gebruikt.

[18\\_35.pdf](#) (61 KB)

### Johannes Braams

*Stretching the limits of Babel, an Ever Growing Package?* (English), MAPS 18, 1997, 171-174

[18\\_36.pdf](#) (43 KB)

### anon.

*NTG Ledeninformatie* (English), MAPS 18, 1997, 175-190

[18\\_37.pdf](#) (72 KB)

### Taco Hoekwater

*MAPS 97.2* (Dutch/English), MAPS 19, 1997, 1-175

**keywords:** NTG, MAPS, Minutes & Appendices

**abstract:** NTG’s magazine

[maps19.pdf](#) ( KB)

### Frans Goddijn

*Verslag 19de NTG Bijeenkomst* (Dutch), MAPS 19, 1997, 1-3

**keywords:** verslag, meeting, members meeting

**abstract:** Opening, Notulen, Ingekomen stukken en mededelingen, ledenvergadering

[19\\_1.pdf](#) (39 KB)

### Erik Frambach

*Van de Voorzitter (1997/2)* (Dutch), MAPS 19, 1997, 4

[19\\_2.pdf](#) (59 KB)

### Taco Hoekwater

*Redactioneel (1997/2)* (Dutch), MAPS 19, 1997, 5

[19\\_3.pdf](#) (14 KB)

### anon.

*Het weten waard* (Dutch), MAPS 19, 1997, 6-7

[19\\_4.pdf](#) (31 KB)

### Wybo Dekker

*Begroting NTG 1998* (Dutch), MAPS 19, 1997, 8

**keywords:** budget

[19\\_5.pdf](#) (13 KB)

### NTG bestuur

*Ontwerpwedstrijd* (Dutch), MAPS 19, 1997, 9

[19\\_6.pdf](#) (25 KB)

### Erik Frambach

*4allTeX versie 4* (Dutch), MAPS 19, 1997, 10-11

**keywords:** 4TeX, 4allTeX, emTeX, plug & play, CDROM

**abstract:** De vierde editie van de 4allTeX cdroms komt eraan. Dit artikel beschrijft wat er zoal nieuw is in deze editie.

[19\\_7.pdf](#) (38 KB)

### Siep Kroonenberg

*Het herontwerp van de MAPS* (Dutch), MAPS 19, 1997, 12

**keywords:** MAPS, paper format, fontkeuze, multi-columns, layout

**abstract:** Toelichting bij de nieuwe vormgeving van de MAPS: papierformaat, font keuze, aanpassingen voor twee-kolomsopmaak.

[19\\_8.pdf](#) (15 KB)

**Taco Hoekwater**

*De macros uit de nieuwe MAPS class* (Dutch), MAPS 19, 1997, 13-18

**keywords:** MAPS class file, macro design, layout

**abstract:** Dit artikel beschrijft de macros die gebruikt worden in de nieuwe maps class file. De nadruk ligt op de macros die proberen een stramien te ondersteunen.

[19\\_9.pdf](#) (54 KB)

**Philip Taylor**

*Book Design for TeX Users -- Part 1: Theory* (English), MAPS 19, 1997, 19-27

**keywords:** design, typography, layout

**abstract:** Book design cannot be taught; it can only be learned, preferably by critical study of as many books as possible. Of all the elements which make up a book, white space is frequently the least considered and the most important. em Avant garde designs are compared and contrasted with more conservative and traditional approaches. Three key elements: em uniformity, em information and em structure are identified, and ‘good design practice’ discussed in terms of each of these.

[19\\_10.pdf](#) (104 KB)

**Philip Taylor**

*Book Design for TeX Users -- Part 2: Practice* (English), MAPS 19, 1997, 28-38

**keywords:** design, typography, layout

**abstract:** In the predecessor to this paper, three fundamental concepts of em uniformity, em information and em structure were introduced, and general guidance given on each of them. In this paper, more practical advice is given, specifically in two areas: guidance on actual dimensions, proportions and layout; and guidance on implementing some of the ideas through the medium of the TeX language. Finally, some difficult (and even insoluble) problems in layout are discussed.

[19\\_11.pdf](#) (121 KB)

**Kees van der Laan**

*Tiling in PostScript and METAFONT -- Escher's wink* (English), MAPS 19, 1997, 39-67

**keywords:** Apollonius, computer art, Douat, Duerer, EPS, Escher, graphics, METAFONT, METAPOST, outline, Kepler, Mondrian, parquet, Penrose, PostScript, puzzles, Soddy, tiling, Truchet, turtle graphics, zero finding

**abstract:** Drawing tilings by computer is discussed. Examples are borrowed from literature. New are their included METAFONT and PostScript programs, with sometimes a new variation of a picture.

[19\\_12.pdf](#) (819 KB)

**Maarten Gelderman**

*Toolbox (1997)* (Dutch), MAPS 19, 1997, 68-70

**keywords:** PostScript, installation, toolbox

**abstract:** Er lopen in de wereld zo veel TeX-gebruikers rond, dat het zelden zal voorkomen dat een normale gebruiker de eerste is die een probleem tegen komt. Meestal zal dit probleem ook al door iemand anders zijn opgelost en vaak staat de oplossing op de 4allTeX, TeXlive of een andere cd-rom. Indien daar niet te vinden is staat er vast wel een oplossing op ctan of één of andere Internetsite. Het probleem zit hem niet in de beschikbaarheid, maar in het opsporen van de oplossing. Artikelen in maps zijn daarvoor natuurlijk een belangrijke informatiebron. Sommige oplossingen zijn echter zo eenvoudig dat er nooit een artikel aan gewijd zal worden. Over een draadstriptang valt nu eenmaal niet al te veel te vertellen. In Toolbox zal niet alleen de draadstriptang worden besproken, maar ook het gebruik van lucifers om het plastic van het einde van het snoer af te branden. Stuur ook informatie over uw favoriete tools naar mij op, zo kan Toolbox een belangrijke informatiebron worden over utilities, macro's en andere eenvoudige trucs voor de gewone TeX-gebruiker. Deze keer is de spil van het verhaal PostScript.

[19\\_13.pdf](#) (44 KB)

**Erik Frambach**

*TUG'97 conferentie* (Dutch), MAPS 19, 1997, 71-72

**keywords:** TUG conference, San Francisco

**abstract:** Een kort verslag van de conferentie van de TeX Users Group 1997 in San Francisco, USA.

[19\\_14.pdf](#) (27 KB)

### Robbert Hardin

*Installatie-handleidinkje voor 'LaTeX voor Windows 1.0'* (Dutch), MAPS 19, 1997, 73-75

**keywords:** LaTeX, Microsoft Windows, systems, installation

**abstract:** Op verzoek van Frans Goddijn heeft FGBBS-user Robbert Hardin een verslag geschreven van de installatie van het pakket LaTeX voor Windows (16 diskettes, ook op FGBBS te vinden).

[19\\_15.pdf](#) (32 KB)

### Erik Frambach

*LaTeX & Chinees* (Dutch), MAPS 19, 1997, 76-78

**keywords:** LaTeX, Chinees, CJK, fonts, PostScript, Big5

**abstract:** Met behulp van het LaTeX-package 'CJK' is het mogelijk om tekst te zetten in het Chinees, Japans en Koreaans. In dit artikel laat ik in het kort zien wat ervoor nodig is om Chinese tekst met LaTeX -- Japans en Koreaans blijven buiten beschouwing. Het installeren van de benodigde software wordt behandeld, evenals het gebruik van dit systeem in de praktijk.

[19\\_16.pdf](#) (110 KB)

### Kees van der Laan

*TeX inside, insight, in sight: get priorities right* (English), MAPS 19, 1997, 79-86

**keywords:** active list separators, greyboxes, hyphenation accented words, minimal markup, partitioned matrices, two-part macros

**abstract:** It is argued that for using TeX -- a multi-level tool -- TeX inside knowledge should not be necessary for the layman, for production purposes. The 'why, what and when,' especially at the grey level will be discussed. Necessary insight issues are enumerated.

[19\\_17.pdf](#) (98 KB)

### Maarten Gelderman

*Local Guide TeX-installatie Fewec* (Dutch), MAPS 19, 1997, 87-96

**keywords:** local guide, LaTeX installation, editor, Jed

**abstract:** Dit is de Local Guide van de LaTeX installatie van de Faculteit der Economische Wetenschappen en Econometrie van de Vrije Universiteit te Amsterdam. De Local Guide is niet bedoeld als LaTeX-handleiding, maar als aanvulling daarop. Er wordt een korte uitleg over LaTeX gegeven, een aantal bijzonderheden van onze LaTeX-installatie wordt genoemd en de gebruikte editor (Jed) wordt besproken. De Local Guide kan zeker worden uitgebreid. Eenieder die nieuw materiaal heeft kan dit aan mij doorsturen en ik zal zorgen dat het, zoveel mogelijk ongewijzigd, wordt opgenomen.

[19\\_18.pdf](#) (86 KB)

### Kluwer Academic Publishers

*User manual for kluwer.cls* (English), MAPS 19, 1997, 97-111

**keywords:** LaTeX2e, electronic submission, user manual, class file, Kluwer

**abstract:** This is the user manual for the kluwer.cls class file for the preparation of articles to be submitted to journals or spin-offs of journals published by Kluwer Academic Publishers. The kluwer.cls is a generic class, which allows us to have a simple conversion to different journal layouts. The kluwer.cls class file is similar to the em article class file of LaTeX, but it has some extra fields in the preamble and some extended commands for the body TeXt.

[19\\_19.pdf](#) (209 KB)

### Frans Goddijn

*Quark Xpress: een vakantieliefde* (Dutch), MAPS 19, 1997, 112-114

**keywords:** Quark Xpress, manual

**abstract:** Hoe prachtig "ons TeX" ook is, in de wijde wereld daarbuiten is het onbekend. De meeste drukkers en grafische ontwerpers weten niet eens wat het is. Pas als je het magische woord "Quark Xpress" laat vallen, tel je voor hen mee. Afgelopen zomer kocht ik een manual van meer dan 600 pagina's en verslond dit in de vakantie. Wat heeft dat pakket dat wij niet hebben?

[19\\_20.pdf](#) (35 KB)

**Hans Hagen, Ton Otten**

*ConTeXT voor beginners* (Dutch), MAPS 19, 1997, 115-177

**keywords:** ConTeXT manual

**abstract:** Hierna volgt een introductie op ConTeXT. Deze handleiding is, net als ConTeXT, beschikbaar in het Nederlands en Engels en binnenkort ook in het Duits. Dit is de eerste versie; op- en aanmerkingen zijn dan ook welkom.

[19\\_21.pdf](#) (2263 KB)

**Taco Hoekwater**

*MAPS 98.1* (Dutch/English), MAPS 20, 1998, 1-348

**keywords:** NTG, MAPS, Minutes & Appendices

**abstract:** NTG's magazine

[maps20.pdf](#) ( KB)

**Frans Goddijn**

*Verslag 20e bijeenkomst, 11 november 1997* (Dutch), MAPS 20, 1998, 1-2

**keywords:** verslag, members meeting

[20\\_1.pdf](#) (87 KB)

**Erik Frambach**

*Van de Voorzitter (1998/1)* (Dutch), MAPS 20, 1998, 3-4

[20\\_2.pdf](#) (136 KB)

**Mimi Jett**

*From the TUG President* (Dutch), MAPS 20, 1998, 5

[20\\_3.pdf](#) (75 KB)

**Taco Hoekwater, Siep Kroonenberg**

*Redactioneel (1998/1)* (Dutch), MAPS 20, 1998, 6

[20\\_4.pdf](#) (59 KB)

**anon.**

*Het weten waard* (Dutch), MAPS 20, 1998, 7-8

[20\\_5.pdf](#) (138 KB)

**Wybo Dekker**

*Financieel verslag 1997* (Dutch), MAPS 20, 1998, 9-10

**keywords:** financial report

[20\\_6.pdf](#) (63 KB)

**Gerard van Nes**

*Jaarverslag ntg 1997* (Dutch), MAPS 20, 1998, 11-14

**keywords:** report NTG

[20\\_7.pdf](#) (95 KB)

**Jules van Weerden, Maarten Gelderman**

*De NTG en het Internet (1998/1)* (Dutch), MAPS 20, 1998, 15-16

**keywords:** discussionlist, tex-nl

[20\\_8.pdf](#) (105 KB)

**Frans Goddijn**

*FGBBS op snelheid -- verslag van FGBBS* (Dutch), MAPS 20, 1998, 17-19

**keywords:** BBS, bulletin board, file requests, email, library

[20\\_9.pdf](#) (106 KB)

**Hans Hagen, Maarten Gelderman**

*10 jaar NTG -- wat vinden de leden* (Dutch), MAPS 20, 1998, 20-24

**keywords:** NTG, MAPS, enquete

[20\\_10.pdf](#) (162 KB)

**Siep Kroonenberg**

*Het nieuwe NTG logo* (Dutch), MAPS 20, 1998, 25-26

**keywords:** NTG logo, EPS

[20\\_11.pdf](#) (129 KB)

**Hans Hagen**

*Why bgroupttchar' egroup expandafter is sometimes needed by common users too* (English), MAPS 20, 1998, 26

**keywords:** bgroupttchar' egroup expandafter, macro language  
[20\\_12.pdf](#) (93 KB)

**Erik Frambach**

*10 jaar NTG* (Dutch), MAPS 20, 1998, 27-32

**keywords:** NTG, users group, lustrum

**abstract:** Een terugblik op tien jaar NTG, met een vooruitblik naar de komende jaren.  
[20\\_13.pdf](#) (141 KB)

**Erik Frambach, Hans Hagen, Taco Hoekwater, Siep Kroonenberg**

*EuroTeX'98 in Saint-Malo, France* (English), MAPS 20, 1998, 33-37

**keywords:** EuroTeX, conference, Saint-Malo

**abstract:** This year's EuroTeX conference was held in Saint-Malo. On behalf of the NTG ERik Frambach, Hans Hagen, Taco Hoekwater and Siep Kroonenberg represented the dutch TeX-community. In this report they discuss the social and TeXnical aspects of the conference.  
[20\\_14.pdf](#) (250 KB)

**Hans Hagen**

*Expansion, what is that?* (English), MAPS 20, 1998, 37/43

**keywords:** expansion, macro language  
[20\\_15.pdf](#) (163 KB)

**Siep Kroonenberg**

*Color in professional print production* (English), MAPS 20, 1998, 38-43

**keywords:** color printing, color model, device-independent color, color conversion, color separation, PDF

**abstract:** This paper takes a look at issues arising in color printing, such as color models, color conversion and color separation. Increasingly, it is feasible to perform these functions on existing PostScript files, independent of the authoring software. The pdf format plays a key role in this trend.

[20\\_16.pdf](#) (1101 KB)

**Richard Kinch**

*Microsoft buys TeX, plans new products* (English), MAPS 20, 1998, 44-45

**keywords:** MicroSoft, Knuth, Joke  
[20\\_17.pdf](#) (800 KB)

**Gerard van Nes**

*Reprint Maps issue #1* (Dutch), MAPS 20, 1998, 46-64

**keywords:** MAPS reprint

**abstract:** This is a fascimile of the very first MAPS issue, originally published in 1988  
[20\\_18.pdf](#) (876 KB)

**Taco Hoekwater**

*Typografische scanning* (Dutch), MAPS 20, 1998, 72-79

**keywords:** typography, dutch

**abstract:** Dit artikel geeft een beschouwing over "Nederlandse" typografie, aan de hand van een aantal scans van in Nederland gepubliceerde boeken en tijdschriften uit de afgelopen drie eeuwen. Het artikel laat een aantal traditionele typografische vormen zien, met toevoeging van wat commentaren over het gebruikte proces.

[20\\_20.pdf](#) (360 KB)

**Hans Hagen**

*Vlakverdeling in ConTeXT* (Dutch), MAPS 20, 1998, 80-107

**keywords:** ConTeXT, layout, grids, two-up, logos, arranging pages

**abstract:** This article is actually chapter 3 of the ConTeXT reference manual, typeset in the MAPS layout. Attention will be paid to defining layout specific areas, rearranging pages, locating logos, typesetting on a grid and adding cutmarks.

[20\\_21.pdf](#) (379 KB)

### Klaus Lagally

*ArabTeX -- Typesetting Arabic with Vowels and Ligatures* (English), MAPS 20, 1998, 108-116

**keywords:** ArabTeX, transliteration, arabic, Farsi, Urdu, Pashto

**abstract:** We present a TeX macro package for generating the arabic writing from a standardized ASCII input notation. It can handle partial or full vocalization, and generates automatically most of the common ligatures. There is limited support for Farsi, Urdu, and Pashto. ArabTeX is compatible with Plain TeX and also most LaTeX environments; arabic and other material can be mixed freely. For special purposes the standard transliteration can be additionally generated. ArabTeX uses no preprocessor and thus should be compatible with any TeX implementation that allows dynamic loading of additional macro files and fonts.

[20\\_22.pdf](#) (230 KB)

### Frans Goddijn

*Dartele cijfers: poor man's oldstyle* (Dutch), MAPS 20, 1998, 117-119

**keywords:** oldstyle, mediaeval, digits, numbers, trucs, pstricks

**abstract:** Erik Frambach vroeg zich af of het mogelijk zou zijn om met wat trucs de oldstyle cijfers te emuleren die fijnproevers zo mooi vinden. En het kostte nog minder moeite dan hij had verwacht!

[20\\_23.pdf](#) (71 KB)

### Gilbert van den Dobbelsteen

*DVIview, a new previewer* (English), MAPS 20, 1998, 120-124

**keywords:** DVIview, previewer, MS-Windows, outline fonts

**abstract:** DVIview is a new viewer for the Windows platform. Key features: virtual fonts, rotated and colored text and performance. This article focuses on the development process and highlights some features of the software.

[20\\_24.pdf](#) (154 KB)

### Maarten Gelderman

*Toolbox (1998)* (Dutch), MAPS 20, 1998, 125-130

**keywords:** BibTeX, bibliography, bibdb, bibedit

**abstract:** Literatuurverwijzingen vormen deze keer de hoofdmoot van het verhaal.

[20\\_25.pdf](#) (190 KB)

### David Carlisle

*A LaTeX Tour, part 3: mfnfss, psnfss and babel* (English), MAPS 20, 1998, 131-137

**keywords:** LaTeX, psnfss, mfnfss, Babel

[20\\_26.pdf](#) (170 KB)

### Erik Frambach

*Conversie van anyTeX naar HTML met TeX4ht* (Dutch), MAPS 20, 1998, 138-141

**keywords:** conversion, HTML, WWW, tex4ht

**abstract:** Gurari's TeX4ht-programmatuur maakt het mogelijk om in TeX geschreven teksten (plain TeX, LaTeX of wat dan ook) vrij eenvoudig te converteren naar HTML. Als voorbeeld nemen we de 4TeX-handleiding die in LaTeX is geschreven.

[20\\_27.pdf](#) (178 KB)

### Erik Frambach

*Visual TeX 5.10 for MS-Windows* (English), MAPS 20, 1998, 142-145

**keywords:** TeX implementations, visual TeX, Windows, HTML

**abstract:** MicroPress' Visual TeX is a complete TeX implementation for MS-DOS and all flavors of MS-Windows. The Windows version is reviewed here. It supports several interesting features that go beyond standard TeX, such as outline fonts and conversion to HTML.

[20\\_28.pdf](#) (242 KB)

### Fabrice Popineau

*Windvi User's Manual* (English), MAPS 20, 1998, 146-149

**keywords:** DVI previewer, windvi, manual

**abstract:** This article is an adaptation of the HTML file that comes with the current (0.40) version



of windvi  
[20\\_29.pdf](#) (141 KB)

### Gilbert van den Dobbelsteen

*The DJGPP port of web2c* (English), MAPS 20, 1998, 210-213

**keywords:** web2c, TeX implementations, MS-DOS, djgpp

**abstract:** Web2c is getting popular and popular. Why? Because it is widespread. I'll discuss some of the aspects of the port to the MS-DOS environment. I used the variant on the 4allTeX4 CD-ROM.

[20\\_31.pdf](#) (120 KB)

### Frans Goddijn

*Gezeefd uit de TEX-NL discussielijst (1998)* (Dutch), MAPS 20, 1998, 214-232

**keywords:** tex-nl, registered, guru, tips, hints, hack, bugs

**abstract:** Dit is het vierde deel uit een serie die in 1993 door Philippe Vanoverbeke in de MAPS is gestart. Philippe maakte een selectie van berichten uit de TEX-NL lijst. Een aantal oplossingen, hints en gouden tips over onderwerpen waarvan je weleens denkt: "hoe zat dat ook alweer?" In de MAPS van voorjaar 1997 stond deel 3. Voor deze aflevering is een aantal berichten gezeefd uit TEX-NL van maart 1997 tot maart 1998. Tenzij anders is vermeld, zijn de onderstaande antwoorden van Piet van Oostrum. Omdat het wat bewerkelijk is om sommige trucs over te tikken, staat dit artikel ook op FGBBS.

[20\\_32.pdf](#) (223 KB)

### Kees van der Laan

*BachoTeX'98 -- TUG at hand* (English), MAPS 20, 1998, 233-234

**keywords:** BachoTeX, GUST, Poland

**abstract:** A report on GUST's sixth conference in Bachotek, Poland

[20\\_33.pdf](#) (81 KB)

### Kees van der Laan

*BLUe's OTR for notes: back-to-the-roots* (English), MAPS 20, 1998, 235-237

**keywords:** BLUe, manmac, output routine, plain TeX, preprints

**abstract:** The back-to-the-roots OTR for BLUE's notes is discussed. It consists of Plain TeX's OTR for 1-column and the compatible extension as given in the TeXbook for 2-columns. Only the pagebody differs: 2-columns instead of 1-column. This replacement is aimed at facilitating a personalized preprint OTR, such that BLUe can easily adapt it. The modified `blue.tex` will be distributed by CTAN, and NTG's 4AllTeX CD-ROM.

[20\\_34.pdf](#) (99 KB)

### David Carlisle

*The Oldenburg eTeX/LaTeX3/ConTeXt meeting* (English), MAPS 20, 1998, 238-242

**keywords:** e-TeX, LaTeX3, ConTeXt, meeting

[20\\_35.pdf](#) (169 KB)

### Barbara Beeton, Thierry Bouche, Taco Hoekwater, Patrick Ion, Jörg Knappen, Chris Rowley, Ulrik Vieth

*Summary of math font-related activities at EuroTeX '98* (English), MAPS 20, 1998, 243-246

**keywords:** EuroTeX, math font, bof

[20\\_36.pdf](#) (95 KB)

### Roger Kehr

*Summary of indexing-related activities at EuroTeX '98* (English), MAPS 20, 1998, 247

**keywords:** xindy, EuroTeX, bof

**abstract:** This is an adaptation of the ascii file posted to the xindy newsgroup by Roger Kehr in the week following EuroTeX.

[20\\_37.pdf](#) (94 KB)

### NTS team, Peter Breitenlohner

*The e-TeX manual, version 2, februari 1998* (English), MAPS 20, 1998, 248-263

**keywords:** e-TeX, version 2, manual

**abstract:** The preparation of this report was supported in part by DANTE, Deutschsprachige

Anwendervereinigung TeX e.V. 'TeX' is a trademark of the American Mathematical Society.  
[20\\_38.pdf](#) (221 KB)

### Taco Hoekwater

*Generating Type 1 fonts from Metafont Sources* (English), MAPS 20, 1998, 264-275

**keywords:** METAFONT, PostScript, Type 1 fonts, conversion, metafog

**abstract:** This article makes a comparison between bitmapped and vector fonts, and presents some of the problems I encountered when I tried to convert metafont sources into PostScript Type 1 fonts.

[20\\_39.pdf](#) (657 KB)

### Simon Pepping

*Vergelijking van SGML en XML* (Dutch), MAPS 20, 1998, 276

**keywords:** SGML, XML, comparison

**abstract:** Dit is een inleiding op de volgende bijlage

[20\\_40.pdf](#) (78 KB)

### James Clark

*Comparison of SGML and XML* (English), MAPS 20, 1998, 277-279

**keywords:** SGML, XML, comparison

**abstract:** This document provides a detailed comparison of SGML (ISO 8879) and XML.

[20\\_41.pdf](#) (107 KB)

### Taco Hoekwater

*Comparing ConTeXt and LaTeX* (English), MAPS 20, 1998, 280-285

**keywords:** ConTeXt, LaTeX, comparison, copyright, size, speed, functionality

**abstract:** Some aspects of ConTeXt and LaTeX are compared: the political decisions, the offered functionality, size of the system, and relative speed.

[20\\_42.pdf](#) (155 KB)

### Hans Hagen

*Pretty printing TeX MetaPost, Perl and JavaScript* (English), MAPS 20, 1998, 286-289

**keywords:** verbatim, METAPOST, Perl, JavaScript, ConTeXt

**abstract:** Although for real pretty printing of sources one has to use CWEB like environments, TeX can also do a pretty job rather well. The ConTeXt verbatim environment has pretty printing built in. One can either use color or fonts. The latter is used in the MAPS, the former in this article.

[20\\_43.pdf](#) (105 KB)

### Siep Kroonenberg

*Contending with Office suites* (English), MAPS 20, 1998, 297-298

**keywords:** Windows, suites, wordprocessors, graphics, export, import, OLE, frogs

**abstract:** The author is tried beyond endurance by current Office software.

[20\\_45.pdf](#) (85 KB)

### Wietse Dol

*4TeX5.0: TDS, Web2c, and Windows 95/NT* (English), MAPS 20, 1998, 299-301

**keywords:** 4TeX, Windows, beta preview

[20\\_46.pdf](#) (156 KB)

### Gilbert van den Dobbelsteen

*Perl and TeX a simple application* (English), MAPS 20, 1998, 302-304

**keywords:** Perl, TeX, application

**abstract:** A simple application where perl is used to extract data from log-files and create output using TeX. The perl-scripts in this article run under perl 4.036 and should also run under perl 5.

[20\\_47.pdf](#) (126 KB)

### Hans Hagen

*Some funny macro's* (English), MAPS 20, 1998, 305-310

**keywords:** dropped caps, ConTeXt, first line treatment

**abstract:** Sometimes documents can be enhanced with special typography for the first character or lines of chapters. In this article I present some macros for dropped caps and first line treatment.

Although more advanced solutions are possible, the examples show at least how things work. Users can derive their own macros from them.

[20\\_48.pdf](#) (110 KB)

### **Hans Hagen, Ton Otten**

*ConTeXt -- een handleiding* (Dutch), MAPS 20, 1998, 311-347

**keywords:** manual, beginner, ConTeXt

**abstract:** This is the second half of the ConTeXt manual for beginners. Those who want an index and a quick reference guide, can download the complete manual from the NTG server. The layout is adapted to the MAPS layout.

[20\\_49.pdf](#) (1150 KB)

### **Taco Hoekwater**

*MAPS 98.2* (Dutch/English), MAPS 21, 1998, 1-84

**keywords:** NTG, MAPS, Minutes & Appendices

**abstract:** NTG's magazine

[maps21.pdf](#) ( KB)

### **Maarten Gelderman**

*Verslag 21ste ledenvergadering NTG* (Dutch), MAPS 21, 1998, 1

**abstract:** Opening; Notulen 20ste bijeenkomst; Verslag van de secretaris; Verslag penningmeester en kascontrolecommissie; Bestuursverkiezingen; Erelidmaatschap.

[21\\_1.pdf](#) (62 KB)

### **Erik Frambach**

*Van de Voorzitter (1998/2)* (Dutch), MAPS 21, 1998, 2

[21\\_2.pdf](#) (63 KB)

### **Siep Kroonenberg, Taco Hoekwater**

*Redactioneel (1998/2)* (Dutch), MAPS 21, 1998, 3

[21\\_3.pdf](#) (62 KB)

### **anon.**

*Het Weten Waard* (Dutch), MAPS 21, 1998, 4

[21\\_4.pdf](#) (122 KB)

### **Maarten Gelderman**

*Verslag 21ste bijeenkomst NTG* (Dutch), MAPS 21, 1998, 5-6

[21\\_5.pdf](#) (87 KB)

### **Jules van Weerden**

*De NTG en het Internet (1998/2)* (Dutch), MAPS 21, 1998, 7-8

**keywords:** discussionlist, tex-nl

**abstract:** De NTG is niet alleen met webpagina's op het Internet aanwezig, maar ook middels een aantal discussielijsten. In dit artikel wordt kort aangegeven wat een discussielijst is, hoe je je aan- en afmeldt en wat je te wachten staat na aanmelding. Tevens wordt een overzicht gegeven van de in Nederland aanwezige TeX-gerelateerde lijsten.

[21\\_6.pdf](#) (109 KB)

### **Erik Frambach**

*TeX User Groups around the world* (English), MAPS 21, 1998, 9-12

**keywords:** TeX user groups, addresses

[21\\_7.pdf](#) (316 KB)

### **NTG TeX Future working group**

*TeX in 2003: Part I* (English), MAPS 21, 1998, 13-19

**keywords:** TeX, future, proposals

**abstract:** Propositions and conjectures on the future of TeX. This article was presented at TUG'98 in Torun, Poland.

[21\\_8.pdf](#) (176 KB)

### **NTG TeX Future working group**

*TeX in 2003: Part II* (English), MAPS 21, 1998, 20-27

**keywords:** TeX, future, proposals, bgrouptchar' egroup special, standard

**abstract:** Proposal for a `\special` standard. This article was presented at TUG'98 in Torun, Poland.

[21\\_9.pdf](#) (175 KB)

### Maarten Gelderman

*Toolbox: let's keep things plain* (English), MAPS 21, 1998, 28-30

**keywords:** plain TeX, LaTeX, integrating

**abstract:** This Toolbox follows the eclectic approach that most readers will know from previous ones. Without aiming to give a comprehensive oversight of the logic behind them, I present some plain TeX-commands that can be used directly in LaTeX. As the editors of this journal decided to make English the preferred language for contributions, this column is no longer in Dutch. However, as far as my limited command of the language allows, I will try to keep the tone informal and the discussion accessible to novice users.

[21\\_10.pdf](#) (160 KB)

### Kaveh Bazargan, Philip Taylor

*The 19th annual TeX Users Group Meeting* (English), MAPS 21, 1998, 31-34

**keywords:** TUG conference, Torun, Poland

**abstract:** The 19th annual TeX Users Group Meeting took place in Torun, Poland, in August of this year. The following is the impression of the authors who tried to attend all the talks. Unfortunately a couple of the talks were not attended by either of the authors. Apologies to those authors.

[21\\_11.pdf](#) (120 KB)

### Kees van der Laan

*Parameterized data for tables in TeX -- Dynamics, aha!* (English), MAPS 21, 1998, 35-39

**keywords:** BLUe, btable, code tables, data generation, dynamical markup, parameterization, tables, tail recursion

**abstract:** The issue of generating and using parameterized data for tables in TeX is elaborated upon. The automatic insertion of markup along with the use of parameterized markup and the `\btable` macro is not the issue, but are prerequisites. `\btable`'s use, along with the automatic insertion of markup in the data as such, can be seen as tools, stepping stones, which made it possible to concentrate on pure data generation, or its use in typesetting tables by TeX.

[21\\_12.pdf](#) (210 KB)

### Kees van der Laan

*Poor man's cyrillics on a Mac -- TeXing English and Russian* (English), MAPS 21, 1998, 40-41

**keywords:** cyrillics, MIME, Macintosh, pdfTeX

**abstract:** The typesetting in TeX of English mixed with Russian is discussed for a Macintosh. Starting from the WNCY-fonts only a few extra control sequences have to be remembered for the keyboarding. The approach is suitable for all machines which have the WNCY-fonts. Email in cyrillics can be handled by formatting via pdftex and sending the .pdf file as attachment in a MIME message.

[21\\_13.pdf](#) (126 KB)

### Kees van der Laan

*Minimal markup -- expansion in the gullet, aha!* (English), MAPS 21, 1998, 42-48

**keywords:** BLUe, crosswords, expansion, fifo, look ahead, minimal markup, mouth processing, preprocessing, tables, tail recursion

**abstract:** A plea is made for a reappraisal of TeX's capabilities of expansion in the gullet of minimal marked up scripts into complete marked up scripts. Attention is focused on expansion of implicitly marked up table data by spaces and e-o-l-s into data separated by `\cs` and `\rs`, the abstract but explicit column and row separators, respectively. The ultimate aim is that the processing tool can't be distilled from the 'marked up' script.

[21\\_14.pdf](#) (211 KB)

### Kees van der Laan

*Catching up -- PDF and HTML at the heart* (English), MAPS 21, 1998, 49-52

**keywords:** internet, HTML, multi-media, PDF, pdfTeX, PostScript, WWW

**abstract:** New hardware not only urged me to get TeX & Co running again, in a richer environment, but I had also to catch up with developments since. Most noteworthy in relation with TeX and documents, are the acceptance of the PDF exchange format and the HTML format, next to the realization of multi-media.

[21\\_15.pdf](#) (153 KB)

### **Ton Otten, Hans Hagen**

*Eenheid in eenheden* (ne), MAPS 21, 1998, 53-60

**keywords:** si-units, units, ConTeXT

**abstract:** In order to support a consistent typography of units in technical documents the ConTeXT module `units` was developed. When this module is loaded all SI-units are available. Seldom used and/or complex units can be defined by the user with the command `\unit[ ]{}{}`.

[21\\_16.pdf](#) (166 KB)

### **Sebastian Rahtz**

*The TeX backend for Jade and the JadeTeX macros* (English), MAPS 21, 1998, 61-69

**keywords:** jade, jadetex, dsssl

**abstract:** Jade is an implementation of the DSSSL specification, and includes a TeX backend; the JadeTeX macro package is needed to process the Jade TeX output. We describe how Jade and JadeTeX work together. This article was written for the newsletter of the International SGML Users Group.

[21\\_17.pdf](#) (415 KB)

### **Thierry Bouche**

*Diversity in math fonts* (English), MAPS 21, 1998, 70-84

**keywords:** math fonts, fontinst, MathTime, lucida, mathptm, virtual fonts, math fonts, LaTeX

**abstract:** We will examine the issues raised when modifying (La)TeX fonts within math environments, and attempt to suggest effective means of accessing a larger variety of font options, while avoiding typographic nonsense.

[21\\_18.pdf](#) (1013 KB)

### **Taco Hoekwater**

*MAPS 99.1* (English/Dutch), MAPS 1999, 1999, 1-176

**keywords:** NTG, MAPS

**abstract:** NTG's magazine

[maps22.pdf](#) ( KB)

### **Erik Frambach**

*Van de voorzitter* (Dutch), MAPS 22, 1999, 1

[22\\_1.pdf](#) (21 KB)

### **Taco Hoekwater, Siep Kroonenberg**

*Redactioneel* (Dutch), MAPS 22, 1999, 2

[22\\_2.pdf](#) (17 KB)

### **NTG**

*NTG and TeX info* (Dutch), MAPS 22, 1999, 3

[22\\_3.pdf](#) (22 KB)

### **Donald Knuth**

*Letter from Donald Knuth* (English), MAPS 22, 1999, 4

**keywords:** NTG logo, Knuth, Siep Kroonenberg, MAPS 20

[22\\_4.pdf](#) (21 KB)

### **Frans Goddijn**

*Bericht van voorheen FGBBS - Voorjaar 1999* (Dutch), MAPS 22, 1999, 5-6

**keywords:** FGBBS, geschiedenis

[22\\_5.pdf](#) (22 KB)

### **Jules van Weerden**

*De NTG en het Internet* (Dutch), MAPS 22, 1999, 7-8

**keywords:** discussielijsten, tex-nl

**abstract:** De NTG is niet alleen met webpagina's op het Internet aanwezig, maar ook middels een

aantal discussielijsten. In dit artikel wordt kort aangegeven wat een discussielijst is, hoe je je aan- en afmeldt en wat je te wachten staat na aanmelding. Tevens wordt een overzicht gegeven van de in Nederland aanwezige TeX-gerelateerde lijsten.

[22\\_6.pdf](#) (31 KB)

### Erik Frambach

*Announcing BachoTeX'99* (English), MAPS 22, 1999, 9-10

**keywords:** Bachotek, BachoTeX'99, GUST, conference, announcement

[22\\_7.pdf](#) (600 KB)

### Redactie

*TUG'98, Torun, Polen* (Dutch), MAPS 22, 1999, 11

[22\\_8.pdf](#) (347 KB)

### Frans Goddijn

*Gezeefd uit de TEX-NL discussielijst* (Dutch), MAPS 22, 1999, 13-31

**keywords:** TEX-NL, Oostrum, guru, hints, hack, bug

**abstract:** Dit is het vijfde deel uit een serie die in 1993 door Philippe Vanoverbeke in de MAPS is gestart. Philippe maakte een selectie van berichten uit de TEX-NL lijst. Een aantal oplossingen, hints en gouden tips over onderwerpen waarvan je weleens denkt: ‘hoe zat dat ook alweer?’ In de MAPS van voorjaar 1998 stond deel 4. Voor deze aflevering is een aantal berichten gezeefd uit TEX-NL van maart 1998 tot januari 1999. Met dank aan Piet van Oostrum die opnieuw de meeste antwoorden aandroeg, en aan de andere actieve abonnees van TEX-NL!

[22\\_9.pdf](#) (79 KB)

### Taco Hoekwater

*PostScript Fonts op computers?* (Dutch), MAPS 22, 1999, 32-36

**keywords:** fonts, computers

**abstract:** Dit artikel geeft een korte inleiding in de interne werking van PostScript computer-fonts en hun coderingen. Dit artikel is een aanpassing van een serie slides die gepresenteerd werden op de NTG bijeenkomst van 22 oktober 1998 in Leuven.

[22\\_10.pdf](#) (85 KB)

### Maarten Gelderman

*How to install a Type1 font using fontinst* (English), MAPS 22, 1999, 37-42

**keywords:** fontinst, Type 1 font, installation

**abstract:** In this brief tutorial I will describe how a postscript Type 1 font can be made available to TeX using the fontinst-utility (version 1.8). I will not delve into the technical details of this program or the exact functionality of each of the font files used during this process, as those aspects of font-installation are described in other articles in this issue of MAPS. I will not delve into the advanced features of fontinst either, but rather will provide a hands-on tutorial.

[22\\_11.pdf](#) (53 KB)

### Roland Kwee

*Installing PostScript Fonts Under Unix/Linux* (English), MAPS 22, 1999, 43-51

**keywords:** fonts, PostScript, linux, Adobe, dvips, ghostscript

**abstract:** This article discusses practical issues for installing Adobe PostScript fonts for TeX running on Unix/Linux. It also presents a script for automating the installation in order to install a package with over 200 fonts. As a useful side effect, the script creates a font data base and a font catalog to help the buyer/user of the font collection.

[22\\_12.pdf](#) (80 KB)

### Siep Kroonenberg

*NFSS: using font families in LaTeX2e* (English), MAPS 22, 1999, 52-54

**keywords:** NFSS, font families, font attributes

**abstract:** This paper gives a brief overview of the LaTeX2e NFSS font machinery and font definition files. It also gives examples of ad-hoc font changes with low-level NFSS commands.

[22\\_13.pdf](#) (42 KB)

### Hans Hagen

*Fonts in ConTeXT* (Dutch), MAPS 22, 1999, 55-76

**keywords:** ConTeXT, fonts, encodings, typography

**abstract:** This article is the revised chapter 5 of the ConTeXT reference manual, typeset in the MAPS layout. We will pay attention to all kind of font switching, fine tuning, and also provide some background information. Special attention is paid to the mapping of font names to files and some words are spent on encodings. This text is typeset in Lucida Bright but within the layout specification of the MAPS.

[22\\_14.pdf](#) (237 KB)

### Hein Laan

*De Euro in TeX* (Dutch), MAPS 22, 1999, 77-80

**keywords:** euro teken, euro fonts

[22\\_15.pdf](#) (108 KB)

### Maarten Gelderman

*A short introduction to font characteristics* (English), MAPS 22, 1999, 81-88

**keywords:** typefaces, design, font classification

**abstract:** Almost anyone who develops an interest in fonts is bound to be overwhelmed by the bewildering variety of letterforms available. The number of fonts available from commercial suppliers like Adobe, URW, LinoType and others runs into the thousands. A recent catalog issued by FontShop alone lists over 25.000 different varieties. And somehow, although the differences of the individual letters are hardly noticable, each font has its own character, its own personality. Even the atmosphere elucidated by a text set from Adobe Garamond is noticeably different from the atmosphere of the same text set from Stempel Garamond. Although decisions about the usage of fonts, will always remain in the realm of esthetics, some knowledge about font characteristics may nevertheless help to create some order and to find out why certain design decisions just do not work. The main aim of this paper is to provide such background by describing the main aspects that might be used to describe a font.

[22\\_16.pdf](#) (164 KB)

### Taco Hoekwater, Hans Hagen

*Introducing Eetex* (English), MAPS 22, 1999, 89-93

**keywords:** e-tex, eetex, extensions, SGML

**abstract:** This article gives an introduction to eetex. Eetex is an extension to e-tex 2.0 that defines a collection of new primitives. Most of these deal with list data structures, but some other things are added as well.

[22\\_17.pdf](#) (50 KB)

### Hàn Th<sup>^</sup>e Thành, Sebastian Rahtz, Hans Hagen

*The pdfTeX users manual* (English), MAPS 22, 1999, 94-114

**keywords:** pdftex, manual

[22\\_18.pdf](#) (145 KB)

### Taco Hoekwater, Michael Vulis

*Introducing VTeX/Linux* (English), MAPS 22, 1999, 115-116

**keywords:** VTeX, Linux, port, MicroPress

**abstract:** This document is a short introduction to VTeX for Linux, a partial port of VTeX that is free for non-commercial use. The most interesting feature of the compiler is the use of PDF as a backend instead of DVI.

[22\\_19.pdf](#) (30 KB)

### Taco Hoekwater, Michael Vulis

*Introducing GeX* (English), MAPS 22, 1999, 117-122

**keywords:** pdf, inline graphics, eps inclusion, GeX, VTeX

**abstract:** This is a short introduction to the pilot release of GeX. GeX is the most rapidly evolving part of VTeX; more detailed documentation is available in the distribution of VTeX. This article specifically describes GeX as implemented in the public domain version of VTeX/Linux. While the same or additional features may be available in the commercial Windows version, we describe what exists in the freely downloadable version. For information on downloading VTeX/Linux see the NTG web site or the article in this MAPS issue.

[22\\_20.pdf](#) (75 KB)

**Wietse Dol, Erik Frambach**

*4Spell, a spell-checker for Windows 95/98/NT* (English), MAPS 22, 1999, 123-126

**keywords:** 4spell, 4TeX, spell check

**abstract:** In this paper we will describe the features of 4Spell 1.1, a Windows spell-checker for TeX documents. Since there aren't many good spell-checkers around and since 4Spell only works on Windows platforms, we will also explain how the spell-checking is done. This should make it possible to write a spell-checker for other platforms (why not use perl and become platform independent :-). 4Spell is part of the new 4TeX for Windows (release expected by the end of March 1999). We realized, however, that this tool could be useful for people who do not want to use 4TeX and hence we made it a stand-alone freeware program.

[22\\_21.pdf](#) (82 KB)

**Erik Frambach**

*4Project: a project manager for TeX* (English), MAPS 22, 1999, 127-129

**keywords:** project management

**abstract:** A new project manager, 4Project, analyses your TeX document and gives you easy access to any item in it.

[22\\_22.pdf](#) (76 KB)

**Wybo Dekker**

*How Perl can help TeX* (English), MAPS 22, 1999, 130-135

**keywords:** perl, mfpic, mkpic

**abstract:** Perl may be an easy interface to TeX when it comes to repetitive tasks, like writing letters, creating reports from databases, and many more. This article shows how Perl can be used to generate many similar pictures via the `mfpic` style

[22\\_23.pdf](#) (85 KB)

**Erik Frambach**

*Is TeX Y2K-compliant?* (English), MAPS 22, 1999, 136-141

**keywords:** millennium, Y2K

**abstract:** Will TeX and related programs continue to work properly after the year 2000? This article describes how TeX deals with dates and how this affects its behavior after the year 2000.

[22\\_24.pdf](#) (72 KB)

**Richard Müller**

*A Database for PPCHTeX* (English), MAPS 22, 1999, 142-143

**keywords:** PPCHTeX, chemistry, structural formulas, database

**abstract:** A database with PPCHTeX code would ease the work for those who have to draw chemical formulas only occasionally and have no time to become acquainted with it. But experts could also make use of it. The establishing of such a database is discussed and proposed.

[22\\_25.pdf](#) (23 KB)

**Berend de Boer**

*Beginnen met ConTeXT* (Dutch), MAPS 22, 1999, 144-147

**keywords:** ConTeXT, tutorial

[22\\_26.pdf](#) (38 KB)

**Hans Hagen**

*Optimizing TeX code* (English), MAPS 22, 1999, 148-152

**keywords:** speeding up, formats, optimizing code, e-TeX, ConTeXT

**abstract:** Macros can be collected in macro packages. These packages can be stored in a form that permits fast loading. Although TeX is already pretty fast, for demanding applications it makes sense to speed up TeX to the max. Switching to e-TeX and beyond is one way to achieve this, another way can be found in optimizing the macro code by means of a dedicated program. Currently the combination of both can speed up TeX runs by at least 10%.

[22\\_27.pdf](#) (57 KB)

**Hans Hagen**

*Tabulating in ConTeXT* (English), MAPS 22, 1999, 153-161



**keywords:** tables, alignment, ConTeXT

**abstract:** This article describes the ConTeXT tabulate environment, which can be used to typeset tables that are part of the text flow. This mechanism differs from the TaBIE based table mechanism, but recognizes the same preamble commands. It offers automatic width calculations when typesetting (multiple) paragraphs in tables and splits the tables over pages.

[22\\_28.pdf](#) (54 KB)

### Hans Hagen, Taco Hoekwater

*Bug or Feature? -- misleading font messages* (English), MAPS 22, 1999, 161

**keywords:** fonts, error messages

**abstract:** TeX error messages and warnings are not always that clear. Sometimes confusion is due to optimizations in TeX the program. We will discuss the noty always honest `\the\font`.

[22\\_29.pdf](#) (17 KB)

### Kaveh Bazargan

*Don't give authors the class files!* (English), MAPS 22, 1999, 162-163

**keywords:** column, publishing

[22\\_30.pdf](#) (21 KB)

### Frans Goddijn

*Robin Williams over typografie -- een dame geeft raad* (Dutch), MAPS 22, 1999, 164-167

**keywords:** typografie, letters, ontwerp, expert, boekbespreking, book review

**abstract:** Tijdens de heuglijke NTG-dag in het vorstelijke Leuven vond ik op de boekentafel van Addison-Wesley twee leuk uitzierende boeken over typografie en ontwerp. Mooie, knalgele boekjes die even onderhoudend als leerzaam bleken, geschreven door Robin Williams: em The Non-designers's Type Book en em The Non-designers's Design Book. Ik sla er één voor u open.

[22\\_31.pdf](#) (116 KB)

### Siep Kroonenberg

*Typography to a purpose* (English), MAPS 22, 1999, 168-173

**keywords:** graphic design, typography

**abstract:** This paper shows some real-life examples of typography, some good, some not so good. We shall have a look at what is on the page and speculate about what the publisher or designer is trying to accomplish.

[22\\_32.pdf](#) (941 KB)

### Erik Frambach, Taco Hoekwater, Siep Kroonenberg

*Report on TeX-Tagung Dante'99 in Dortmund* (English), MAPS 22, 1999, 174-175

**keywords:** report, Dante, NTS, e-TeX

**abstract:** A report on Dante's 20th meeting which took place in Dortmund. The future of the NTS project and the e-TeX project were hot issues that were discussed during this meeting.

[22\\_33.pdf](#) (30 KB)

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