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  <title>MAPS 88.2</title>
  <editor index='nesgvan'><fn>Gerard</fn><prf>van</prf><sn>Nes</sn></editor>
  <published volume='1' year='1988' pages='1-20' size='199'>
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  <title>Verslag &tex;</title>
  <author>
    <au index='nesgvan'><fn>Gerard</fn><prf>van</prf><sn>Nes</sn></au>
  </author>
  <published volume='1' year='1988' pages='1-10' size='126'>
    <journal>MAPS</journal>
  </published>
  <keywords>
    <key>report</key>
    <key>members meeting</key>
  </keywords>
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  Opening en Mededelingen; Introductie deelnemers; Brainstorming &tex; aandachtsgebieden; Instellen werk-
  groepen voor de aandachtsgebieden; Formele zaken; Rondvraag; Sluiting.
  </abstract>
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  <title>Listserver</title>
  <published volume='1' year='1988' pages='13-14' size='55'>
    <journal>MAPS</journal>
  </published>
  <keywords>
    <key>listserver</key>
    <key>TEX-NL</key>
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  Overzicht gebruikers listserver.
  </abstract>
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  <published volume='1' year='1988' pages='15-16' size='41'>
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    <key>mailing list</key>
    <key>listserver</key>
  </keywords>
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  </abstract>
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<bibentry type='message' id='1-4' language='EN'>
  <title>&tex; publications information</title>
  <published volume='1' year='1988' pages='17-20' size='49'>
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  </abstract>
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  <title>MAPS 89.1</title>
  <editor index='nesgvan'><fn>Gerard</fn><prf>van</prf><sn>Nes</sn></editor>
  <published volume='2' year='1989' pages='1-52' size='317'>
    <series>MAPS</series>
    <publisher>NTG</publisher>
  </published>
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    <key>MAPS</key>
    <key>Minutes &amp; Appendices</key>
  </keywords>
  <abstract>
  NTG's magazine
  </abstract>
</bibentry>

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  <title>Verslag (1989/1)</title>
  <author>
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  </author>
  <published volume='2' year='1989' pages='2-12' size='145'>
    <journal>MAPS</journal>
  </published>
  <keywords>
    <key>report</key>
    <key>members meeting</key>
  </keywords>
  <abstract>
  Opening; Agenda bijeenkomst 23 juni 1988; Ingekomen stukken en Mededelingen; Ledenbestand status en con-
  tributie; Vragen gebruikers; Verslag/discussie werkgroepen; Rondvraag; Presentaties; Sluiting.
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  </abstract>
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  </keywords>
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  <title>VAX DOCUMENT</title>
  <author>
    <au index='klerkdet'><fn>Theo</fn><prf>de</prf><sn>Klerk</sn></au>
  </author>
  <published volume='2' year='1989' pages='17' size='62'>
    <journal>MAPS</journal>
  </published>
  <keywords>
    <key>VAX DOCUMENT</key>
  </keywords>
  <abstract>
  VAX DOCUMENT is een commerci&euml;le 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 produk-
  ten, maar nu ook in gebruikerslicensie voor VAX/VMS gebruikers verkrijgbaar. Vanaf VMS V4 is het resul-
  taat hiervan te zien.
  </abstract>
</bibentry>

<bibentry type='article' id='2-6' language='NL'>
  <title>Boeken over &tex;</title>
  <author>
    <au index='klerkdet'><fn>Theo</fn><prf>de</prf><sn>Klerk</sn></au>
  </author>
  <published volume='2' year='1989' pages='19-20' size='71'>
    <journal>MAPS</journal>
  </published>
  <keywords>
    <key>book review</key>
  </keywords>
  <abstract>
  Bespreking 'Einf&uuml;hrung in &tex;' (Norbert Schwartz); '&tex; f&uuml;r Fortgeschrittene' (Wolfgang
  Appelt); '&latex; eine Einf&uuml;hrung' (Helmut Kopka); 'Kompaktf&uuml;hrer &latex;' (Reinhard Won-
  neberger)
  </abstract>
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  <published volume='2' year='1989' pages='21-22' size='52'>
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  <title>MAPS 89.2</title>
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  <published volume='3' year='1989' pages='1-68' size='943'>
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    <publisher>NTG</publisher>
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    <key>Minutes &amp; Appendices</key>
  </keywords>
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  </abstract>
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<bibentry type='verslag' id='3-1' language='NL'>
  <title>Verslag (1989/2)</title>
  <author>
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  </author>
  <published volume='3' year='1989' pages='2-8' size='125'>
    <journal>MAPS</journal>
  </published>
  <keywords>
    <key>report</key>
    <key>members meeting</key>
  </keywords>
  <abstract>
  Opening; Verslag bijeenkomst 24 november 1988; Ingekomen stukken en Mededelingen; Verenigingszaken;
  Verslag/discussie werkgroepen; Vragen gebruikers; Rondvraag; Presentatie Oc&eacute; 6750 (&tex;)-
  laserprinter; Sluiting.
  </abstract>
</bibentry>

<bibentry type='message' id='3-2' language='NL'>
  <title>Werkgroepen Nederlandstalige &tex; gebruikersgroep</title>
  <published volume='3' year='1989' pages='9-10' size='62'>
    <journal>MAPS</journal>
  </published>
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<bibentry type='message' id='3-3' language='NL'>
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    </published>
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<bibentry type='message' id='3-5' language='NL'>
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      <journal>MAPS</journal>
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    </abstract>
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<bibentry type='message' id='3-6' language='NL'>
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    </keywords>
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    </abstract>
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<bibentry type='message' id='3-7' language='NL'>
    <title>NTG fileserver faciliteiten</title>
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    </keywords>
    <abstract>
    Overzicht inhoud NTG fileserver.
    </abstract>
</bibentry>

<bibentry type='article' id='3-8' language='NL'>
    <title>Vragen van gebruikers</title>
    <published volume='3' year='1989' pages='19-24' size='64'>
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    </published>
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    Deze bijlage bevat de 'vragen van de gebruikers' die gesteld zijn ten tijde van de NTG vergadering van mei
    1989.
    </abstract>
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<bibentry type='article' id='3-9' language='EN'>
   <title>High Quality Printing of &tex;-DVI</title>
   <author>
     <au index='broerenm'><fn>Marius</fn><sn>Broeren</sn></au>
     <au index='knippenbergjvan'><fn>Jan</fn><prf>van</prf><sn>Knippenberg</sn></au>
   </author>
   <published volume='3' year='1989' pages='25-28' size='115'>
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     <key>Oc&eacute;</key>
     <key>laser printers</key>
     <key>Digital Equipment</key>
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   Deze bijlage bevat de presentatie van Oc&eacute;, gehouden op de NTG bijeenkomst van 11 mei 1989.
   </abstract>
</bibentry>

<bibentry type='article' id='3-10' language='EN'>
   <title>A dBase III+ programme to generate a journal</title>
   <author>
     <au index='roesp'><fn>Piet</fn><sn>Roes</sn></au>
   </author>
   <published volume='3' year='1989' pages='29-30' size='90'>
     <journal>MAPS</journal>
   </published>
   <keywords>
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   <abstract>
   This is a note about the implementation of a combination of dBase III+ and &tex;.
   </abstract>
</bibentry>

<bibentry type='article' id='3-11' language='EN'>
   <title>&tex; en SGML</title>
   <author>
     <au index='laanvanderc'><fn>Kees</fn><prf>van der</prf><sn>Laan</sn></au>
   </author>
   <published volume='3' year='1989' pages='31-42' size='243'>
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   </published>
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     <key>math</key>
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     <key>tables</key>
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   The markup of document elements via SGML is demonstrated with a few examples.
   </abstract>
</bibentry>

<bibentry type='article' id='3-12' language='NL'>
   <title>Ervaringen met fotozetters</title>
   <author>
     <au index='haayerg'><fn>Geerd</fn><sn>Haayer</sn></au>
   </author>
   <published volume='3' year='1989' pages='43-44' size='78'>
     <journal>MAPS</journal>
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      <key>Linotronic</key>
      <key>PostScript</key>
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    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.
    </abstract>
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  <bibentry type='article' id='3-13' language='NL'>
    <title>Verslag GUTenberg (16/17 mei 1989)</title>
    <author>
      <au index='laanvanderc'><fn>Kees</fn><prf>van der</prf><sn>Laan</sn></au>
    </author>
    <published volume='3' year='1989' pages='45-48' size='140'>
      <journal>MAPS</journal>
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    <keywords>
      <key>GUTenberg</key>
      <key>report</key>
    </keywords>
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    Thema: Grafische zaken en (La)&tex;, met name picture omgeving en PostScript.
    </abstract>
  </bibentry>

  <bibentry type='article' id='3-14' language='EN'>
    <title>One year NTG; presentatie NTG in Utrecht en Karlsruhe</title>
    <author>
      <au index='laanvanderc'><fn>Kees</fn><prf>van der</prf><sn>Laan</sn></au>
    </author>
    <published volume='3' year='1989' pages='49-56' size='201'>
      <journal>MAPS</journal>
    </published>
    <keywords>
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      <key>NTG</key>
      <key>Euro&tex;</key>
    </keywords>
    <abstract>
    A history of the start of the NTG is given along with a survey of this first years' activities. The rela-
    tion of NTG to other TUGs is also dealt with.
    </abstract>
  </bibentry>

  <bibentry type='article' id='3-15' language='EN'>
    <title>Verslag Nederlandse &tex; dagen (29/30 juni 1989)</title>
    <author>
      <au index='eijkhoutv'><fn>Victor</fn><sn>Eijkhout</sn></au>
      <au index='poppeliern'><fn>Nico</fn><sn>Poppelier</sn></au>
    </author>
    <published volume='3' year='1989' pages='57-60' size='145'>
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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.
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  <title>Verslag Stanford conferentie (20/23 aug 1989)</title>
  <author>
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  </author>
  <published volume='3' year='1989' pages='61-68' size='191'>
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    <key>WEB</key>
    <key>literate programming</key>
    <key>math reviews</key>
    <key>status &tex;</key>
    <key>&tex;3</key>
    <key>&latex;</key>
    <key>PostScript</key>
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      <item>&latex; aanpassing wordt niet door Leslie Lamport opgepakt, Frank M?</item>
    </itemize>
  Organisatorisch:
    <itemize>
      <item>Lokale voorzitters vice presidents van BoD van TUG;</item>
      <item>TUGboat artikelen nu ook met Duitse samenvatting;</item>
      <item>Michael F coordinator multilingual aspecten;</item>
      <item>&tex;HaX distributie onder auspici&euml;n van TUG.</item>
    </itemize>
  Producten:
    <itemize>
      <item>&tex; templates bij Hope Hamilton;</item>
      <item>Wordperfect-&latex; macro's bij Anita Hoover (of mij);</item>
      <item>Michael D's Gentle &tex; beschikbaar (of mij);</item>
      <item>KWIC van &latex; en &tex; opdrachten beschikbaar als Bell rapport;</item>
      <item>Arbor&tex;t's The Publisher volwassen.</item>
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  <editor index='nesgvan'><fn>Gerard</fn><prf>van</prf><sn>Nes</sn></editor>
  <published volume='4' year='1990' pages='1-88' size='546'>
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    <publisher>NTG</publisher>
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    <key>local guide</key>
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  Overzicht ontvangen local guides.
  </abstract>
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  </published>
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  </keywords>
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      <key>Cork</key>
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    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, partic-
    ularly technical documents, and for applications where high quality, portability and device-independence
    are of importance.
    </abstract>
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<bibentry type='message' id='4-13' language='EN'>
    <title>Announcement SGML &amp; &tex; Conference</title>
    <author>
      <au index='laanvanderc'><fn>Kees</fn><prf>van der</prf><sn>Laan</sn></au>
      <au index='jurrienst'><fn>Theo</fn><sn>Jurriens</sn></au>
      <au index='maasdamj'><fn>Jan</fn><sn>Maasdam</sn></au>
      <au index='bleekerj'><fn>J.</fn><sn>Bleeker</sn></au>
    </author>
    <published volume='4' year='1990' pages='33-34' size='18'>
      <journal>MAPS</journal>
    </published>
    <keywords>
      <key>SGML</key>
      <key>TUG conference</key>
      <key>courses</key>
    </keywords>
    <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;.
    </abstract>
</bibentry>

<bibentry type='article' id='4-14' language='EN'>
    <title>Courses SGML &amp; &tex; Conference</title>
    <author>
      <au index='diverse auteurs'><fn></fn><sn>diverse auteurs</sn></au>
    </author>
    <published volume='4' year='1990' pages='35-42' size='59'>
      <journal>MAPS</journal>
    </published>
    <keywords>
      <key>courses</key>
      <key>SGML</key>
      <key>conference</key>
    </keywords>
</bibentry>

<bibentry type='article' id='4-15' language='NL'>
  <title>&tex;-NL discussies</title>
  <published volume='4' year='1990' pages='43-46' size='20'>
    <journal>MAPS</journal>
  </published>
  <keywords>
    <key>listserver</key>
    <key>TEX-NL</key>
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  <abstract>
  Overzicht gebruikers listserver.
  </abstract>
</bibentry>

<bibentry type='article' id='4-16' language='EN'>
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    <title>Working group 1: Education; State of affairs</title>
    <published volume='4' year='1990' pages='47-51' size='39'>
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    </published>
    <keywords>
      <key>working group</key>
      <key>education</key>
    </keywords>
    <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.
    </abstract>
</bibentry>

<bibentry type='article' id='4-17' language='NL'>
    <title>Werkgroep 7: PC-zaken</title>
    <published volume='4' year='1990' pages='52' size='7'>
      <journal>MAPS</journal>
    </published>
    <keywords>
      <key>working group</key>
      <key>PC</key>
      <key>MS-DOS</key>
    </keywords>
    <abstract>
    Verslag werkgroep 7: PC-zaken.
    </abstract>
</bibentry>

<bibentry type='article' id='4-18' language='EN'>
    <title>Werkgroep 10: SGML-&tex;</title>
    <published volume='4' year='1990' pages='53-54' size='11'>
      <journal>MAPS</journal>
    </published>
    <keywords>
      <key>working group</key>
      <key>SGML</key>
    </keywords>
    <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;.
    </abstract>
</bibentry>

<bibentry type='article' id='4-19' language='NL'>
    <title>Werkgroep 13: 'Neerlandica'</title>
    <published volume='4' year='1990' pages='55-56' size='17'>
      <journal>MAPS</journal>
    </published>
    <keywords>
      <key>working group</key>
      <key>dutch</key>
    </keywords>
    <abstract>
    Verslag werkgroep 13: 'Neerlandica'.
    </abstract>
</bibentry>

<bibentry type='article' id='4-20' language='NL'>
    <title>Werkgroep 14: Communicatie</title>
    <published volume='4' year='1990' pages='57-60' size='28'>
      <journal>MAPS</journal>
    </published>
    <keywords>
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   </keywords>
   <abstract>
   Verslag werkgroep 14: Communicatie.
   </abstract>
</bibentry>

<bibentry type='article' id='4-21' language='EN'>
   <title>The Development of National &latex; styles</title>
   <author>
      <au index='braamsj'><fn>Johannes</fn><sn>Braams</sn></au>
      <au index='eijkhoutv'><fn>Victor</fn><sn>Eijkhout</sn></au>
      <au index='poppeliern'><fn>Nico</fn><sn>Poppelier</sn></au>
   </author>
   <published volume='4' year='1990' pages='61-66' size='48'>
      <journal>MAPS</journal>
   </published>
   <keywords>
      <key>&latex;</key>
      <key>national styles</key>
   </keywords>
   <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 com-
   mon 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 ar-
   ticle we treat implementation aspects of the styles and style options, and we discuss some matters of lay-
   out.
   </abstract>
</bibentry>

<bibentry type='article' id='4-22' language='EN'>
   <title>Unusual paragraph shapes</title>
   <author>
      <au index='eijkhoutv'><fn>Victor</fn><sn>Eijkhout</sn></au>
   </author>
   <published volume='4' year='1990' pages='67-70' size='28'>
      <journal>MAPS</journal>
   </published>
   <keywords>
      <key>paragraph shapes</key>
   </keywords>
   <abstract>
   Although the &tex;book states that &tex;'s paragraph mechanism 'can be harnessed to a surprising vari-
   ety 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<tt>\everypar</tt> and<tt>\lastbox</tt> are
   extremely powerful tools. I give three examples of this.
   </abstract>
</bibentry>

<bibentry type='article' id='4-23' language='NL'>
   <title>Ingekomen brief</title>
   <author>
      <au index='poppeliern'><fn>Nico</fn><sn>Poppelier</sn></au>
   </author>
   <published volume='4' year='1990' pages='71-72' size='9'>
      <journal>MAPS</journal>
   </published>
   <keywords>
      <key>&latex; cursussen</key>
   </keywords>
</bibentry>

<bibentry type='article' id='4-24' language='NL'>
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  <title>Euro&tex; 89</title>
  <author>
    <au index='braamsj'><fn>Johannes</fn><sn>Braams</sn></au>
    <au index='laanvanderc'><fn>Kees</fn><prf>van der</prf><sn>Laan</sn></au>
  </author>
  <published volume='4' year='1990' pages='73-76' size='23'>
    <journal>MAPS</journal>
  </published>
  <keywords>
    <key>Euro&tex;</key>
    <key>conference</key>
  </keywords>
  <abstract>
  Algemeen:
    <itemize>
      <item>Polen stal de harten;</item>
    </itemize>
  Organisatorisch:
    <itemize>
      <item>Veranderingen &latex;, gecoordineerd door Frank M. en Jan R.;</item>
      <item>Teaching &tex; in discussie;</item>
      <item>Cork bijeenkomst voorbereid;</item>
      <item>Zowel PD als commerci&euml;le &tex; aktiviteiten nodig;</item>
      <item>Een Nederlandse vertaling van Schwarz's Einf&uuml;hrung in &tex; is op komst;</item>
      <item>Leerzaam handout voor potenti&euml;le DANTE leden, inclusief questionnaire;</item>
      <item>Quixote Oriental Fonts project (Hosek);</item>
    </itemize>
  Producten:
    <itemize>
      <item>Schroder's changebars macro;</item>
      <item>Thull's MS-DOS PD &tex;;</item>
      <item>&tex;-omgevingen: PC&tex;E (MS-DOS), &tex;E (AOS/VS), CEO-&tex;E (Data General).</item>
    </itemize>
  </abstract>
</bibentry>

<bibentry type='article' id='4-25' language='EN'>
  <title>Teaching &tex;: Critics &amp; &latex; proposal</title>
  <author>
    <au index='laanvanderc'><fn>Kees</fn><prf>van der</prf><sn>Laan</sn></au>
  </author>
  <published volume='4' year='1990' pages='77-82' size='56'>
    <journal>MAPS</journal>
  </published>
  <keywords>
    <key>education</key>
    <key>courseware</key>
    <key>modules</key>
  </keywords>
  <abstract>
  Some critics -- mainly &latex; based -- on the approach are given: &tex;nically driven instead of re-
  sult 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.
  </abstract>
</bibentry>

<bibentry type='article' id='4-26' language='NL'>
  <title>Wat is &tex;?</title>
  <author>
    <au index='eijkhoutv'><fn>Victor</fn><sn>Eijkhout</sn></au>
    <au index='poppeliern'><fn>Nico</fn><sn>Poppelier</sn></au>
  </author>
  <published volume='4' year='1990' pages='83-88' size='48'>
    <journal>MAPS</journal>
  </published>
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  <abstract>
  In de huidige tijd van WYSIWYG 'desktop publishing' systemen lijkt het vreemd een systeem te propageren
  met honderden, vaak ingewikkelde, instructies. Wat het tekstopmaaksysteem &tex; desondanks aantrekke-
  lijk 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 reproduc-
  eren. 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
  uitgeverswereld omtrent SGML.
  </abstract>
</bibentry>

<bibentry type='book' id='maps5' language='NL/EN'>
  <title>MAPS 90.2</title>
  <editor index='nesgvan'><fn>Gerard</fn><prf>van</prf><sn>Nes</sn></editor>
  <published volume='5' year='1990' pages='1-146' size='1481'>
    <series>MAPS</series>
    <publisher>NTG</publisher>
  </published>
  <keywords>
    <key>NTG</key>
    <key>MAPS</key>
    <key>Minutes &amp; Appendices</key>
  </keywords>
  <abstract>
  NTG's magazine
  </abstract>
</bibentry>

<bibentry type='verslag' id='5-1' language='NL'>
  <title>Besluitenlijst</title>
  <published volume='5' year='1990' pages='9' size='8'>
    <journal>MAPS</journal>
  </published>
  <keywords>
    <key>NTG decisions</key>
  </keywords>
</bibentry>

<bibentry type='message' id='5-3' language='NL'>
  <title>&tex; kalender</title>
  <published volume='5' year='1990' pages='9' size='8'>
    <journal>MAPS</journal>
  </published>
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    <key>calendar</key>
  </keywords>
</bibentry>

<bibentry type='message' id='5-4' language='NL'>
  <title>Werkgroepen NTG</title>
  <published volume='5' year='1990' pages='10-11' size='15'>
    <journal>MAPS</journal>
  </published>
  <keywords>
    <key>working group</key>
  </keywords>
  <abstract>
  Verslag werkgroepen.
  </abstract>
</bibentry>

<bibentry type='message' id='5-5' language='NL'>
  <title>Ontvangen Local Guides en andere &tex; documenten</title>
  <published volume='5' year='1990' pages='12' size='17'>
    <journal>MAPS</journal>
  </published>
  <keywords>
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    <key>local guide</key>
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  Overzicht ontvangen local guides.
  </abstract>
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<bibentry type='message' id='5-6' language='NL'>
  <title>&tex;-NL subscription</title>
  <published volume='5' year='1990' pages='13-15' size='16'>
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  </published>
  <keywords>
    <key>listserver</key>
    <key>TEX-NL</key>
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  Overzicht gebruikers listserver.
  </abstract>
</bibentry>

<bibentry type='message' id='5-7' language='NL'>
  <title>NTG fileserver faciliteiten</title>
  <published volume='5' year='1990' pages='16-20' size='23'>
    <journal>MAPS</journal>
  </published>
  <keywords>
    <key>fileserver</key>
  </keywords>
  <abstract>
  Overzicht inhoud NTG fileserver.
  </abstract>
</bibentry>

<bibentry type='message' id='5-8' language='EN'>
  <title>&tex; stuff at cs.ruu.nl</title>
  <author>
    <au index='oostrumvanp'><fn>Piet</fn><prf>van</prf><sn>Oostrum</sn></au>
  </author>
  <published volume='5' year='1990' pages='21-26' size='52'>
    <journal>MAPS</journal>
  </published>
  <keywords>
    <key>FTP</key>
    <key>archives</key>
    <key>mailserver</key>
    <key>software</key>
  </keywords>
  <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.
  </abstract>
</bibentry>

<bibentry type='message' id='5-9' language='NL'>
  <title>NTG Software Distributie Service</title>
  <published volume='5' year='1990' pages='27-28' size='21'>
    <journal>MAPS</journal>
  </published>
  <keywords>
    <key>NTG</key>
    <key>distribution</key>
    <key>software</key>
  </keywords>
  <abstract>
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            Deze bijlage beschrijft een aantal distributie-services die door enkele NTG leden worden uitgevoerd.
        </abstract>
</bibentry>

<bibentry type='message' id='5-10' language='NL'>
    <title>NTG DOS-diskette Distributie Service</title>
    <published volume='5' year='1990' pages='29-30' size='18'>
        <journal>MAPS</journal>
    </published>
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        <key>MS-DOS</key>
        <key>disks</key>
        <key>distribution</key>
    </keywords>
</bibentry>

<bibentry type='article' id='5-11' language='NL'>
    <title>Werkgroep 7: PC-zaken; &tex; voor MS/PC-DOS PC's</title>
    <author>
        <au index='winninkj'><fn>Jos</fn><sn>Winnink</sn></au>
    </author>
    <published volume='5' year='1990' pages='31-34' size='40'>
        <journal>MAPS</journal>
    </published>
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        <key>PC</key>
        <key>MS-DOS</key>
        <key>Atari</key>
    </keywords>
    <abstract>
    Activiteiten van werkgroep 7: PC-zaken.
    </abstract>
</bibentry>

<bibentry type='article' id='5-12' language='NL'>
    <title>Werkgroep 8: NTG gebruikersdag; SGML-&tex; Seminar</title>
    <author>
        <au index='laanvanderc'><fn>Kees</fn><prf>van der</prf><sn>Laan</sn></au>
    </author>
    <published volume='5' year='1990' pages='35-36' size='23'>
        <journal>MAPS</journal>
    </published>
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        <key>SGML</key>
        <key>seminar</key>
    </keywords>
    <abstract>
    Terugblik op organisatie.
    </abstract>
</bibentry>

<bibentry type='article' id='5-13' language='NL'>
    <title>Working group 13: 'Neerlandica'</title>
    <published volume='5' year='1990' pages='37-38' size='22'>
        <journal>MAPS</journal>
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        <key>Neerlandica</key>
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    <abstract>
    Verslag werkgroep 13: 'Neerlandica'.
    </abstract>
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<bibentry type='article' id='5-14' language='EN'>
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  <title>SGML-&tex; conference, Groningen</title>
  <author>
    <au index='osborned'><fn>David</fn><sn>Osborne</sn></au>
  </author>
  <published volume='5' year='1990' pages='39-42' size='48'>
    <journal>MAPS</journal>
  </published>
  <keywords>
    <key>SGML</key>
    <key>conference</key>
  </keywords>
  <abstract>
  For their second full-day international meeting, the Nederlandstalige &tex; Gebruikersgroep (NTG) or-
  ganised, 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 &tex;ies.
  </abstract>
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<bibentry type='article' id='5-15' language='EN'>
  <title>Two faces of &tex;t</title>
  <author>
    <au index='gentvanj'><fn>Joop</fn><prf>van</prf><sn>Gent</sn></au>
  </author>
  <published volume='5' year='1990' pages='43-48' size='75'>
    <journal>MAPS</journal>
  </published>
  <keywords>
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    <key>document retrieval</key>
    <key>searching</key>
    <key>logical structure</key>
  </keywords>
  <abstract>
  &tex; as a programming tool for advanced document retrieval systems.
  </abstract>
</bibentry>

<bibentry type='article' id='5-16' language='EN'>
  <title>Towards &latex; 3.0</title>
  <author>
    <au index='mittelbachf'><fn>Frank</fn><sn>Mittelbach</sn></au>
    <au index='schopfr'><fn>Rainer</fn><sn>Sch&ouml;pf</sn></au>
  </author>
  <published volume='5' year='1990' pages='49-54' size='86'>
    <journal>MAPS</journal>
  </published>
  <keywords>
    <key>&latex;3</key>
  </keywords>
  <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 com-
  mands 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 'ex-
  pand &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;.
  </abstract>
</bibentry>

<bibentry type='article' id='5-17' language='EN'>
  <title>Getting &tex;nical: Insight into &tex; Macro Writing Techniques</title>
  <author>
    <au index='hendricksona'><fn>Amy</fn><sn>Hendrickson</sn></au>
  </author>
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<published volume='5' year='1990' pages='55-66' size='211'>
  <journal>MAPS</journal>
</published>
<keywords>
  <key>techniques</key>
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<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 toavoid bumping into implementation restrictions, e.g., con-
straints 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 intention-
ally 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.
</abstract>
</bibentry>

<bibentry type='article' id='5-18' language='EN'>
  <title>The Document Style Designer as a Separate Entity</title>
  <author>
    <au index='eijkhoutv'><fn>Victor</fn><sn>Eijkhout</sn></au>
    <au index='lenstraa'><fn>Andries</fn><sn>Lenstra</sn></au>
  </author>
  <published volume='5' year='1990' pages='67-70' size='34'>
    <journal>MAPS</journal>
  </published>
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    <key>style design</key>
  </keywords>
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An argument for the need for a programmable meta format: a format that introduces a new syntactic level in
&tex; for document style designers.
  </abstract>
</bibentry>

<bibentry type='article' id='5-19' language='EN'>
  <title>The Dutch national &latex; effort</title>
  <author>
    <au index='braamsj'><fn>Johannes</fn><sn>Braams</sn></au>
    <au index='eijkhoutv'><fn>Victor</fn><sn>Eijkhout</sn></au>
    <au index='poppeliern'><fn>Nico</fn><sn>Poppelier</sn></au>
  </author>
  <published volume='5' year='1990' pages='71-74' size='46'>
    <journal>MAPS</journal>
  </published>
  <keywords>
    <key>&latex;</key>
    <key>dutch</key>
  </keywords>
  <abstract>
In this article an overview is given of the activities of working group 13 (WG 13) of the 'Nederlandstal-
ige &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'.
  </abstract>
</bibentry>

<bibentry type='article' id='5-20' language='EN'>
  <title>TUGboat production: &tex;, &latex;, and paste-up</title>
  <author>
    <au index='beetonb'><fn>Barbara</fn><sn>Beeton</sn></au>
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      </author>
      <published volume='5' year='1990' pages='77-84' size='83'>
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      </published>
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        <key>TUGboat</key>
        <key>production</key>
      </keywords>
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      TUGboat has now completed more than ten years of publication. Starting with &tex;78 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 cov-
      ers'. This talk will be a survey of some of the milestones of TUGboat production, our editorial philoso-
      phy, what we've learned about what &tex; can and cannot do, and some advice to authors and production edi-
      tors of other publications.
      </abstract>
  </bibentry>

  <bibentry type='article' id='5-21' language='EN'>
      <title>SGML and &tex; at Elsevier Science Publishers</title>
      <author>
        <au index='soutbergj'><fn>Jeroen</fn><sn>Soutberg</sn></au>
      </author>
      <published volume='5' year='1990' pages='85-88' size='46'>
        <journal>MAPS</journal>
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        <key>Elsevier</key>
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      <abstract>
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          <item>ESP;</item>
          <item>Manuscript routing;</item>
          <item>Role of SGML;</item>
          <item>Role of ...&tex;;</item>
          <item>Projects.</item>
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  <bibentry type='article' id='5-22' language='EN'>
      <title>NTG's second year</title>
      <author>
        <au index='laanvanderc'><fn>Kees</fn><prf>van der</prf><sn>Laan</sn></au>
      </author>
      <published volume='5' year='1990' pages='89-90' size='26'>
        <journal>MAPS</journal>
      </published>
      <keywords>
        <key>activities</key>
        <key>NTG</key>
        <key>Euro&tex;</key>
      </keywords>
      <abstract>
      A survey of NTG's activities in its second year is enumerated.
      </abstract>
  </bibentry>

  <bibentry type='article' id='5-23' language='EN'>
      <title>Development of DANTE e.V.</title>
      <author>
        <au index='lammarschj'><fn>Joachim</fn><sn>Lammarsch</sn></au>
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    </author>
    <published volume='5' year='1990' pages='91-92' size='20'>
      <journal>MAPS</journal>
    </published>
    <keywords>
      <key>Dante</key>
    </keywords>
</bibentry>

<bibentry type='article' id='5-24' language='NL'>
    <title>Verslag GUTenberg '90</title>
    <author>
      <au index='laanvanderc'><fn>Kees</fn><prf>van der</prf><sn>Laan</sn></au>
    </author>
    <published volume='5' year='1990' pages='93-98' size='71'>
      <journal>MAPS</journal>
    </published>
    <keywords>
      <key>GUTenberg</key>
    </keywords>
    <abstract>
    Waarnemingen/beslissingen:
      <itemize>
        <item>Zusterclubs zijn automatisch lid van elkaar;</item>
        <item>DANTE en GUTenberg 100% gegroeid;</item>
        <item>TUGlib wordt uitgebreid met &tex; bibliografie;</item>
      </itemize>
    Producten/macros:
      <itemize>
        <item>Zetten commutator diagrammen via &latex;;</item>
        <item>Ook muziek zetten nu via &tex;;</item>
        <item>Zetten van (ADA, ...) programma's;</item>
        <item>Zetten van bridge literatuur;</item>
        <item>Voor multilingual &tex;3.0 is ML&tex; nog nodig;</item>
        <item>&tex; in kleur?</item>
      </itemize>
    </abstract>
</bibentry>

<bibentry type='article' id='5-25' language='EN'>
    <title>Board-of-Directors and Euro-Summit at Cork90</title>
    <author>
      <au index='laanvanderc'><fn>Kees</fn><prf>van der</prf><sn>Laan</sn></au>
    </author>
    <published volume='5' year='1990' pages='99-102' size='47'>
      <journal>MAPS</journal>
    </published>
    <keywords>
      <key>Euro&tex;</key>
      <key>board-of-directors</key>
      <key>Cork</key>
    </keywords>
    <abstract>
    TUG organizational:
      <itemize>
        <item>TUG is really open now;</item>
        <item>Working Groups will be sent off with better task</item>
      </itemize>
    descriptions and reporting time schedules;
      <itemize>
        <item>How to fulfil better membership needs is proposed;</item>
        <item>A scholarly TUGboat and a separate newsletter is proposed;</item>
      </itemize>
    Topical TUGboat issues are under consideration;
      <itemize>
        <item>No increased membership/postage fees for those outside USA;</item>
```

```xml
        <item>The dangling reciprocal membership question is near to a pilot study;</item>
        <item>BoD can operate faster because of adoption of voting by e-mail;</item>
        <item>An extended membership directory is asked for;</item>
        <item>A resource directory is asked for;</item>
        <item>Maintenance/evolution of &tex; etc. software must be handled by TUG and LUGs; DEK and LL are
        out of it!</item>
        <item>More attention will be paid to PR activities: Welcome c.q. Information/Demo packets will be
        prepared;</item>
      </itemize>
    Euro-Summit:
      <itemize>
        <item>Eastern and Western European countries will exchange information;</item>
        <item>A status report, Euro-Summit Cork90 (?), will appear with contact addresses and status
        reports.</item>
      </itemize>
    </abstract>
</bibentry>

<bibentry type='article' id='5-26' language='EN'>
  <title>Report European &tex; conference Cork90</title>
  <author>
    <au index='poppeliern'><fn>Nico</fn><sn>Poppelier</sn></au>
    <au index='laanvanderc'><fn>Kees</fn><prf>van der</prf><sn>Laan</sn></au>
  </author>
  <published volume='5' year='1990' pages='103-108' size='69'>
    <journal>MAPS</journal>
  </published>
  <keywords>
    <key>conference</key>
    <key>Cork</key>
    <key>Euro&tex;</key>
  </keywords>
  <abstract>
  The following was on at this joint TUG90 and Euro&tex;90 meeting at Cork. Hypertext and &tex;. Cork en-
  coding scheme for 8 bit fonts. Halftone output from &tex;. Macro writing in &tex;, especially Getting
  &tex;nical. 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 &latex;3.0. SGML and
  &tex; for tables and Math. Graphics and &tex;, such as PiC&tex; use, tif format and pk files. Old german
  fonts. BiB&tex; requirements. Discussion of &tex; books. The question of &tex; at schools was raised.
  </abstract>
</bibentry>

<bibentry type='article' id='5-27' language='NL'>
  <title>&tex; structuurschema's</title>
  <author>
    <au index='muldersh'><fn>Huub</fn><sn>Mulders</sn></au>
  </author>
  <published volume='5' year='1990' pages='109-112' size='24'>
    <journal>MAPS</journal>
  </published>
  <keywords>
    <key>filetypes</key>
    <key>coherence</key>
    <key>structure</key>
  </keywords>
  <abstract>
  Overzicht van de structuur van &tex; en METAFONT en de bijbehorende bestandtypen.
  </abstract>
</bibentry>

<bibentry type='article' id='5-28' language='EN'>
  <title>The 1990 DECUS &tex; Collection</title>
  <published volume='5' year='1990' pages='113-114' size='21'>
    <journal>MAPS</journal>
  </published>
  <keywords>
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    <key>Decus</key>
  </keywords>
  <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 col-lection
  offers nearly everything a &tex; User would want on their system for &tex;.
  </abstract>
</bibentry>

<bibentry type='article' id='5-29' language='EN'>
  <title>New books on &tex; (1)</title>
  <author>
    <au index='eijkhoutv'><fn>Victor</fn><sn>Eijkhout</sn></au>
  </author>
  <published volume='5' year='1990' pages='115-117' size='35'>
    <journal>MAPS</journal>
  </published>
  <keywords>
    <key>book review</key>
  </keywords>
  <abstract>
  Review of 'Introduction to &tex;' (Jost Krieger, Norbert Schwartz), '&tex; for the advanced' (Wolfgang
  Appelt), '&tex; for the impatient' (Paul Abrahams).
  </abstract>
</bibentry>

<bibentry type='article' id='5-30' language='EN'>
  <title>An indentation scheme</title>
  <author>
    <au index='eijkhoutv'><fn>Victor</fn><sn>Eijkhout</sn></au>
  </author>
  <published volume='5' year='1990' pages='118-121' size='36'>
    <journal>MAPS</journal>
  </published>
  <keywords>
    <key>indentation</key>
    <key>paragraph</key>
  </keywords>
  <abstract>
  Indentation is one of the simpler things in &tex;: if you leave one input line open you get a new para-
  graph, and it is indented unless you say<tt>\noindent</tt>. And if you get tired of writing<tt>\noindent</tt>
  all of the time, you declare<tt>\parindent=0pt</tt> at the start of your document. Easy. More sophisti-
  cated approaches to indentation are possible, however. In this article I will sketch a quite general ap-
  proach 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.
  </abstract>
</bibentry>

<bibentry type='article' id='5-31' language='EN'>
  <title>A parskip scheme</title>
  <author>
    <au index='eijkhoutv'><fn>Victor</fn><sn>Eijkhout</sn></au>
  </author>
  <published volume='5' year='1990' pages='122-124' size='35'>
    <journal>MAPS</journal>
  </published>
  <keywords>
    <key index='parskipa'>\parskip</key>
    <key index='everypara'>\everypar</key>
    <key>paragraph</key>
    <key>skips</key>
  </keywords>
  <abstract>
  In this article I will present an approach that unifies the paragraph skip and the white spaces surround-
  ingvarious environments. Since the macros given below make use of the<tt>\everypar</tt> token list, this
```

```xml
      article may be seen as a sequel to an earlier paper on an indentation scheme, which is based on a similar
      principle. The<tt>\everypar</tt> parameter was explained there.
    </abstract>
</bibentry>

<bibentry type='article' id='5-32' language='EN'>
    <title>SGML (,&tex; and ...)</title>
    <author>
      <au index='laanvanderc'><fn>Kees</fn><prf>van der</prf><sn>Laan</sn></au>
    </author>
    <published volume='5' year='1990' pages='125-140' size='158'>
      <journal>MAPS</journal>
    </published>
    <keywords>
      <key>SGML</key>
    </keywords>
    <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 interme-
    diate procedural markup phase. Interfacing SGML to (La)&tex; is also addressed. Some guidelines are pro-
    vided 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.
    </abstract>
</bibentry>

<bibentry type='article' id='5-33' language='EN'>
    <title>SGML en &tex; in scientific publishing</title>
    <author>
      <au index='poppeliern'><fn>Nico</fn><sn>Poppelier</sn></au>
    </author>
    <published volume='5' year='1990' pages='141-144' size='54'>
      <journal>MAPS</journal>
    </published>
    <keywords>
      <key>SGML</key>
      <key>scientific publishing</key>
    </keywords>
    <abstract>
    Elsevier Science Publishershas for a few years investigated the possibility of accepting compuscripts,
    a manuscript in electronic form, created with &tex;, &latex; and a few other text processing systems, and
    converting these to SGMLform. This paper will discuss the current status of these activities, the reasons
    for converting compuscripts to SGMLform, and the various ways in which &tex; isused.
    </abstract>
</bibentry>

<bibentry type='article' id='5-34' language='EN'>
    <title>The future of &tex; and METAFONT</title>
    <author>
      <au index='knuthd'><fn>Donald</fn><sn>Knuth</sn></au>
    </author>
    <published volume='5' year='1990' pages='145-146' size='15'>
      <journal>MAPS</journal>
    </published>
    <keywords>
      <key>future</key>
    </keywords>
    <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.
    </abstract>
</bibentry>

<bibentry type='book' id='maps6' language='NL/EN'>
    <title>MAPS 91.1</title>
    <editor index='nesgvan'><fn>Gerard</fn><prf>van</prf><sn>Nes</sn></editor>
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    <published volume='6' year='1991' pages='1-117' size='1243'>
      <series>MAPS</series>
      <publisher>NTG</publisher>
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      <key>Minutes &amp; Appendices</key>
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    NTG's magazine
    </abstract>
</bibentry>

<bibentry type='verslag' id='6-1' language='NL'>
    <title>Verslag (1991/1)</title>
    <author>
      <au index='nesgvan'><fn>Gerard</fn><prf>van</prf><sn>Nes</sn></au>
    </author>
    <published volume='6' year='1991' pages='3-10' size='91'>
      <journal>MAPS</journal>
    </published>
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      <key>report</key>
      <key>members meeting</key>
    </keywords>
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    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.
    </abstract>
</bibentry>

<bibentry type='message' id='6-2' language='NL'>
    <title>&tex; kalender</title>
    <published volume='6' year='1991' pages='10' size='8'>
      <journal>MAPS</journal>
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    <keywords>
      <key>calendar</key>
    </keywords>
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<bibentry type='message' id='6-3' language='NL'>
    <title>Werkgroepen NTG</title>
    <published volume='6' year='1991' pages='11-12' size='14'>
      <journal>MAPS</journal>
    </published>
    <keywords>
      <key>working group</key>
    </keywords>
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    Verslag werkgroepen.
    </abstract>
</bibentry>

<bibentry type='message' id='6-4' language='NL'>
    <title>Jaarverslag NTG 1990</title>
    <author>
      <au index='nesgvan'><fn>Gerard</fn><prf>van</prf><sn>Nes</sn></au>
    </author>
    <published volume='6' year='1991' pages='13-14' size='23'>
      <journal>MAPS</journal>
    </published>
    <keywords>
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    </keywords>
  </bibentry>

  <bibentry type='message' id='6-5' language='NL'>
    <title>Financieel verslag 1990</title>
    <author>
      <au index='braamsj'><fn>Johannes</fn><sn>Braams</sn></au>
    </author>
    <published volume='6' year='1991' pages='15-16' size='21'>
      <journal>MAPS</journal>
    </published>
    <keywords>
      <key>financial report</key>
    </keywords>
  </bibentry>

  <bibentry type='message' id='6-6' language='NL'>
    <title>Concept begroting 1991</title>
    <author>
      <au index='braamsj'><fn>Johannes</fn><sn>Braams</sn></au>
    </author>
    <published volume='6' year='1991' pages='17' size='19'>
      <journal>MAPS</journal>
    </published>
    <keywords>
      <key>budget</key>
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  <bibentry type='message' id='6-7' language='NL'>
    <title>&tex;-NL subscription</title>
    <published volume='6' year='1991' pages='18-20' size='17'>
      <journal>MAPS</journal>
    </published>
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    </keywords>
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    Overzicht gebruikers listserver.
    </abstract>
  </bibentry>

  <bibentry type='message' id='6-8' language='NL'>
    <title>NTG fileserver faciliteiten</title>
    <published volume='6' year='1991' pages='21-26' size='27'>
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    </published>
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    </keywords>
    <abstract>
    Overzicht inhoud NTG fileserver.
    </abstract>
  </bibentry>

  <bibentry type='message' id='6-9' language='NL'>
    <title>Van de Voorzitter (1991/1)</title>
    <author>
      <au index='laanvanderc'><fn>Kees</fn><prf>van der</prf><sn>Laan</sn></au>
    </author>
    <published volume='6' year='1991' pages='27-28' size='26'>
      <journal>MAPS</journal>
    </publifhed>
    <keywords>
      <key>chairman</key>
    </keywords>
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    <abstract>
    &tex; Nationaal en Internationaal. Oftewel: wat gebeurt er allemaal?
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<bibentry type='article' id='6-10' language='EN'>
    <title>WG 1: Education</title>
    <published volume='6' year='1991' pages='29-32' size='54'>
        <journal>MAPS</journal>
    </published>
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        <key>working group</key>
        <key>education</key>
    </keywords>
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    Verslag werkgroep 1: Educatie.
    </abstract>
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<bibentry type='article' id='6-11' language='NL'>
    <title>WG 4: Fonts</title>
    <author>
        <au index='vensej'><fn>Erik-Jan</fn><sn>Vens</sn></au>
        <au index='winninkj'><fn>Jos</fn><sn>Winnink</sn></au>
    </author>
    <published volume='6' year='1991' pages='33-36' size='47'>
        <journal>MAPS</journal>
    </published>
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        <key>fonts</key>
        <key>METAFONT</key>
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    Activiteiten van de werkgroep Fonts.
    </abstract>
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<bibentry type='article' id='6-12' language='NL'>
    <title>WG 6: Lijst en link met fotozetters</title>
    <author>
        <au index='jurrienst'><fn>Theo</fn><sn>Jurriens</sn></au>
    </author>
    <published volume='6' year='1991' pages='37' size='15'>
        <journal>MAPS</journal>
    </published>
    <keywords>
        <key>working group</key>
        <key>photo typesetter</key>
        <key>inventory</key>
    </keywords>
    <abstract>
    Verslag werkgroep 6.
    </abstract>
</bibentry>

<bibentry type='article' id='6-13' language='NL'>
    <title>WG 7: PC-zaken; &tex; voor MS/PC-DOS PC's; Verkrijgbaarheid van em&tex;</title>
    <author>
        <au index='winninkj'><fn>Jos</fn><sn>Winnink</sn></au>
        <au index='bisonp'><fn>Pieter</fn><sn>Bison</sn></au>
    </author>
    <published volume='6' year='1991' pages='38-40' size='41'>
        <journal>MAPS</journal>
    </published>
    <keywords>
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    <key>working group</key>
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    <key>Atari</key>
    <key>em&tex;</key>
  </keywords>
  <abstract>
  Activiteiten van werkgroep 7: PC-zaken, in het byzonder de situatie met betrekking tot em&tex;.
  </abstract>
</bibentry>

<bibentry type='article' id='6-14' language='NL'>
  <title>Brief aan PC werkgroep: Enige suggesties voor WG-PC's</title>
  <author>
    <au index='laanvanderc'><fn>Kees</fn><prf>van der</prf><sn>Laan</sn></au>
  </author>
  <published volume='6' year='1991' pages='41-42' size='27'>
    <journal>MAPS</journal>
  </published>
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    <key>PC</key>
    <key>MS-DOS</key>
  </keywords>
  <abstract>
  Voorgesteld wordt een praktisch set voor de PC's beschikbaar te stellen, en de educatie daar op af te
  stemmen.
  </abstract>
</bibentry>

<bibentry type='article' id='6-15' language='NL'>
  <title>WG 8: NTG conferentie</title>
  <author>
    <au index='gentjvan'><fn>Joop</fn><prf>van</prf><sn>Gent</sn></au>
  </author>
  <published volume='6' year='1991' pages='43' size='12'>
    <journal>MAPS</journal>
  </published>
  <keywords>
    <key>working group</key>
    <key>conference</key>
  </keywords>
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<bibentry type='article' id='6-16' language='EN'>
  <title>WG 10: SGML-&tex;: Imposing structure upon &tex;</title>
  <author>
    <au index='laanvanderc'><fn>Kees</fn><prf>van der</prf><sn>Laan</sn></au>
  </author>
  <published volume='6' year='1991' pages='44-46' size='42'>
    <journal>MAPS</journal>
  </published>
  <keywords>
    <key>working group</key>
    <key>SGML</key>
    <key>structure</key>
  </keywords>
  <abstract>
  Imposing structure upon &tex;.
  </abstract>
</bibentry>

<bibentry type='article' id='6-17' language='NL'>
  <title>Gebruik van &tex; binnen het EGD</title>
  <author>
    <au index='brouwerh'><fn>Henk</fn><sn>Brouwer</sn></au>
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    </author>
    <published volume='6' year='1991' pages='47' size='14'>
      <journal>MAPS</journal>
    </published>
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      <key>conversion</key>
      <key>tables</key>
    </keywords>
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    Conversie van tabellen binnen Quatro naar &tex;; het gebruik van macros binnen het EGD.
    </abstract>
</bibentry>

<bibentry type='article' id='6-18' language='NL'>
    <title>Gebruik van &tex; en &latex; op het CAWCS</title>
    <author>
      <au index='geestvanl'><fn>Leo</fn><prf>van</prf><sn>Geest</sn></au>
      <au index='geestvanm'><fn>Marion</fn><prf>van</prf><sn>Geest</sn></au>
    </author>
    <published volume='6' year='1991' pages='48-56' size='164'>
      <journal>MAPS</journal>
    </published>
    <keywords>
      <key>CAWCS</key>
    </keywords>
    <abstract>
    Overzicht van het gebruik van &tex; op het CAWCS.
    </abstract>
</bibentry>

<bibentry type='article' id='6-19' language='EN'>
    <title>Math into BLUes</title>
    <author>
      <au index='laanvanderc'><fn>Kees</fn><prf>van der</prf><sn>Laan</sn></au>
    </author>
    <published volume='6' year='1991' pages='57-74' size='268'>
      <journal>MAPS</journal>
    </published>
    <keywords>
      <key>BLUe</key>
      <key>math</key>
    </keywords>
    <abstract>
    &tex;ing mathscripts is not simply typing. Math has to be translated into &tex; commands. First the moti-
    vation for this work is given. Next traditional math page make-up is summarized along with the macroscop-
    ic math &tex; commands. After answering 'Why &tex;ing mathscripts is difficult?' an anthology of &tex;
    falls and their antidotes is discussed. At the end suggestions are given in order to lessen the difficul-
    ties.
    </abstract>
</bibentry>

<bibentry type='article' id='6-20' language='EN'>
    <title>Babel, a multilingual style-option system for use with &latex;'s document styles</title>
    <author>
      <au index='braamsj'><fn>Johannes</fn><sn>Braams</sn></au>
    </author>
    <published volume='6' year='1991' pages='75-84' size='85'>
      <journal>MAPS</journal>
    </published>
    <keywords>
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      <key>&latex;</key>
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      <key>document styles</key>
      <key>language</key>
      <key>multilingual</key>
    </keywords>
    <abstract>
    The standard distribution of &latex; contains a number of document styles that are meant to be used, but
    also serve as examples for other users to create their own document styles. These styles have become very
    popular among &latex;. But it should be kept in mind that they were designed for American tastes and con-
    tain a number of hard-wired texts. This article describes a set of document-style options that can be used
    in combination with the standard styles, which makes the latter adaptable to other languages.
    </abstract>
</bibentry>

<bibentry type='article' id='6-21' language='EN'>
    <title>Frequently Asked Questions (I)</title>
    <author>
      <au index='bodenheimerb'><fn>Bobby</fn><sn>Bodenheimer</sn></au>
    </author>
    <published volume='6' year='1991' pages='85-92' size='89'>
      <journal>MAPS</journal>
    </published>
    <keywords>
      <key>frequently asked questions</key>
      <key>FAQ</key>
      <key>comp.text.tex</key>
    </keywords>
    <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.
    </abstract>
</bibentry>

<bibentry type='article' id='6-22' language='EN'>
    <title>Summary of METAFONT Fonts Available</title>
    <author>
      <au index='quinl'><fn>Liam</fn><sn>Quin</sn></au>
    </author>
    <published volume='6' year='1991' pages='93-98' size='56'>
      <journal>MAPS</journal>
    </published>
    <keywords>
      <key>METAFONT</key>
      <key>fonts</key>
      <key>availability</key>
    </keywords>
    <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.
    </abstract>
</bibentry>

<bibentry type='article' id='6-23' language='EN'>
    <title>Program text generation with &tex;/&latex;</title>
    <author>
      <au index='oostrumvanp'><fn>Piet</fn><prf>van</prf><sn>Oostrum</sn></au>
    </author>
    <published volume='6' year='1991' pages='99-106' size='82'>
      <journal>MAPS</journal>
    </published>
    <keywords>
      <key>program text generation</key>
    </keywords>
    <abstract>
    Web; Cweb; Fweb; Spiderweb; Tgrind; C2&latex;; C++2&latex;; Cprog/Csty macros; Program environment;
    Scheme&tex;; Ada; Miscellaneous.
    </abstract>
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<bibentry type='article' id='6-24' language='EN'>
  <title>&latex; for engineers and scientists (book review)</title>
  <author>
    <au index='poppeliern'><fn>Nico</fn><sn>Poppelier</sn></au>
  </author>
  <published volume='6' year='1991' pages='107-108' size='32'>
    <journal>MAPS</journal>
  </published>
  <keywords>
    <key>&latex;</key>
    <key>engineers</key>
    <key>scientists</key>
    <key>book review</key>
  </keywords>
  <abstract>
  Review of '&latex; for engineers and scientists' by David J. Buerger.
  </abstract>
</bibentry>

<bibentry type='article' id='6-25' language='EN'>
  <title>The structure of the &tex; processor</title>
  <author>
    <au index='eijkhoutv'><fn>Victor</fn><sn>Eijkhout</sn></au>
  </author>
  <published volume='6' year='1991' pages='109-112' size='53'>
    <journal>MAPS</journal>
  </published>
  <keywords>
    <key>&tex; processor</key>
    <key>characters</key>
    <key>tokens</key>
    <key>lists</key>
    <key>expansion</key>
  </keywords>
  <abstract>
  In this article I will describe the &tex; processor as a multi-layered engine that successively trans-
  forms characters into tokens, tokens into lists, and from these lists builds a typeset page.
  </abstract>
</bibentry>

<bibentry type='article' id='6-26' language='EN'>
  <title>Comments on the Future of &tex; and METAFONT</title>
  <author>
    <au index='beeben'><fn>Nelson</fn><sn>Beebe</sn></au>
  </author>
  <published volume='6' year='1991' pages='113-117' size='62'>
    <journal>MAPS</journal>
  </published>
  <keywords>
    <key>future</key>
    <key>&tex;</key>
    <key>METAFONT</key>
  </keywords>
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<bibentry type='book' id='maps7' language='NL/EN'>
  <title>MAPS 91.2</title>
  <editor index='nesgvan'><fn>Gerard</fn><prf>van</prf><sn>Nes</sn></editor>
  <published volume='7' year='1991' pages='1-135' size='1714'>
    <series>MAPS</series>
    <publisher>NTG</publisher>
  </published>
  <keywords>
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      <key>MAPS</key>
      <key>Minutes &amp; Appendices</key>
    </keywords>
    <abstract>
    NTG's magazine
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</bibentry>

<bibentry type='verslag' id='7-1' language='NL'>
    <title>Verslag (1991/2)</title>
    <author>
      <au index='nesgvan'><fn>Gerard</fn><prf>van</prf><sn>Nes</sn></au>
    </author>
    <published volume='7' year='1991' pages='3-9' size='85'>
      <journal>MAPS</journal>
    </published>
    <keywords>
      <key>report</key>
      <key>members meeting</key>
    </keywords>
    <abstract>
    Opening; Verslag bijeenkomst 20 november 1990; Ingekomen stukken en Mededelingen; NTG jaarvergadering;
    Verslag/discussie werkgroepen; Rondvraag; NTG presentaties: '&tex; in de praktijk'; Sluiting.
    </abstract>
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<bibentry type='message' id='7-2' language='NL'>
    <title>&tex; kalender &amp; Glossary</title>
    <published volume='7' year='1991' pages='9' size='7'>
      <journal>MAPS</journal>
    </published>
    <keywords>
      <key>calendar</key>
      <key>glossary</key>
    </keywords>
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<bibentry type='message' id='7-3' language='NL'>
    <title>Werkgroepen NTG</title>
    <published volume='7' year='1991' pages='10-11' size='11'>
      <journal>MAPS</journal>
    </published>
    <keywords>
      <key>working group</key>
    </keywords>
    <abstract>
    Verslag werkgroepen.
    </abstract>
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<bibentry type='message' id='7-4' language='NL'>
    <title>Begroting 1991 en 1992</title>
    <author>
      <au index='braamsj'><fn>Johannes</fn><sn>Braams</sn></au>
    </author>
    <published volume='7' year='1991' pages='12-13' size='23'>
      <journal>MAPS</journal>
    </published>
    <keywords>
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<bibentry type='message' id='7-5' language='NL'>
    <title>&tex;-NL subscription</title>
    <published volume='7' year='1991' pages='14-16' size='17'>
      <journal>MAPS</journal>
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    </published>
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    Overzicht gebruikers listserver.
    </abstract>
</bibentry>

<bibentry type='message' id='7-6' language='NL'>
    <title>NTG fileserver faciliteiten</title>
    <published volume='7' year='1991' pages='17-22' size='28'>
      <journal>MAPS</journal>
    </published>
    <keywords>
      <key>fileserver</key>
    </keywords>
    <abstract>
    Overzicht inhoud NTG fileserver.
    </abstract>
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<bibentry type='message' id='7-7' language='NL'>
    <title>Van de Voorzitter (1991/2)</title>
    <author>
      <au index='laanvanderc'><fn>Kees</fn><prf>van der</prf><sn>Laan</sn></au>
    </author>
    <published volume='7' year='1991' pages='23' size='22'>
      <journal>MAPS</journal>
    </published>
    <keywords>
      <key>chairman</key>
    </keywords>
</bibentry>

<bibentry type='article' id='7-8' language='EN'>
    <title>NTG's continuation: The Third Year</title>
    <author>
      <au index='laanvanderc'><fn>Kees</fn><prf>van der</prf><sn>Laan</sn></au>
    </author>
    <published volume='7' year='1991' pages='24-25' size='27'>
      <journal>MAPS</journal>
    </published>
    <keywords>
      <key>NTG</key>
      <key>continuation</key>
    </keywords>
    <abstract>
    An NTG year of activity parallels the Dutch academic year: September to September. The membership in-
    creased by roughly 40% to circa 140 members of which 25 or so are institutional members. Due to the in-
    termediate &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.
    </abstract>
</bibentry>

<bibentry type='article' id='7-9' language='EN'>
    <title>WG 1: Education; Contribution to TUG-LRP report</title>
    <author>
      <au index='laanvanderc'><fn>Kees</fn><prf>van der</prf><sn>Laan</sn></au>
    </author>
    <published volume='7' year='1991' pages='26-32' size='84'>
      <journal>MAPS</journal>
    </published>
    <keywords>
      <key>working group</key>
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      <key>education</key>
      <key>TUG-LPR</key>
    </keywords>
    <abstract>
    Worldwide &tex;/METAFONT education is proposed with compatible modules, such that a user can plan an ed-
    ucation path. A pool of teachers is proposed. How to address the problem of qualified teachers is touched
    upon.
    </abstract>
</bibentry>

<bibentry type='article' id='7-10' language='EN'>
    <title>WG 1: Education; Review Michael Doob's A Gentle</title>
    <author>
      <au index='laanvanderc'><fn>Kees</fn><prf>van der</prf><sn>Laan</sn></au>
    </author>
    <published volume='7' year='1991' pages='33-35' size='44'>
      <journal>MAPS</journal>
    </published>
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      <key>review</key>
    </keywords>
    <abstract>
    Review of Michael Doob's 'A Gentle Introduction to &tex;'.
    </abstract>
</bibentry>

<bibentry type='article' id='7-11' language='NL'>
    <title>WG 7: PC-zaken; &tex; voor MS/PC-DOS PC's en Atari's</title>
    <author>
      <au index='winninkj'><fn>Jos</fn><sn>Winnink</sn></au>
    </author>
    <published volume='7' year='1991' pages='36' size='21'>
      <journal>MAPS</journal>
    </published>
    <keywords>
      <key>working group</key>
      <key>PC</key>
      <key>MS-DOS</key>
      <key>Atari</key>
    </keywords>
    <abstract>
    Activiteiten van werkgroep 7: PC-zaken.
    </abstract>
</bibentry>

<bibentry type='article' id='7-12' language='EN'>
    <title>WG 13: 'Neerlandica'; The Right of ij to be a Ligature</title>
    <author>
      <au index='leeuwenvand'><fn>David</fn><prf>van</prf><sn>Leeuwen</sn></au>
    </author>
    <published volume='7' year='1991' pages='37-38' size='34'>
      <journal>MAPS</journal>
    </published>
    <keywords>
      <key>Neerlandica</key>
      <key>ij-ligature</key>
    </keywords>
    <abstract>
    Discussion of the right of the Dutch 'ij' to be a ligature.
    </abstract>
</bibentry>

<bibentry type='article' id='7-13' language='NL'>
    <title>Enige Suggesties aan de Redactie van de MAPS</title>
    <author>
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    <au index='laanvanderc'><fn>Kees</fn><prf>van der</prf><sn>Laan</sn></au>
  </author>
  <published volume='7' year='1991' pages='39-40' size='27'>
    <journal>MAPS</journal>
  </published>
  <keywords>
    <key>MAPS</key>
  </keywords>
  <abstract>
  De functie van de MAPS wordt belicht en gerelateerd aan hoe dat te verwezenlijken. Punten aangestipt zi-
  jn: 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.
  </abstract>
</bibentry>

<bibentry type='article' id='7-14' language='EN'>
  <title>A Font and a Style for Typesetting Chess using &latex; or &tex;</title>
  <author>
    <au index='tutelaersp'><fn>Piet</fn><sn>Tutelaers</sn></au>
  </author>
  <published volume='7' year='1991' pages='41-46' size='92'>
    <journal>MAPS</journal>
  </published>
  <keywords>
    <key>typesetting</key>
    <key>chess</key>
    <key>fonts</key>
  </keywords>
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<bibentry type='article' id='7-15' language='EN'>
  <title>Typesetting Bridge via &latex;</title>
  <author>
    <au index='laanvanderc'><fn>Kees</fn><prf>van der</prf><sn>Laan</sn></au>
  </author>
  <published volume='7' year='1991' pages='47-50' size='35'>
    <journal>MAPS</journal>
  </published>
  <keywords>
    <key>bridge</key>
    <key>&latex;</key>
  </keywords>
  <abstract>
  &latex; macros and a bidding environment for typesetting bridge card distributions and bidding sequences
  are given. Examples borrowed from bridge literature are supplied.
  </abstract>
</bibentry>

<bibentry type='article' id='7-16' language='EN'>
  <title>Typesetting Bridge via &tex;</title>
  <author>
    <au index='laanvanderc'><fn>Kees</fn><prf>van der</prf><sn>Laan</sn></au>
  </author>
  <published volume='7' year='1991' pages='51-62' size='169'>
    <journal>MAPS</journal>
  </published>
  <keywords>
    <key>bridge</key>
    <key>plain &tex;</key>
  </keywords>
  <abstract>
  Enhanced plain &tex; macros and a bidding environment for typesetting bridge card distributions and bid-
  ding sequences are given. As a follow-up of the &latex; macros given in [12]. Moreover, macros for anno-
  tated printing of the course of the play are provided. Examples of use are included.
```

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    </abstract>
  </bibentry>

  <bibentry type='article' id='7-17' language='EN'>
    <title>Go diagrams with &tex;</title>
    <author>
      <au index='kolodziejskah'><fn>Hanna</fn><sn>Ko&lslash;odziejska</sn></au>
    </author>
    <published volume='7' year='1991' pages='63-68' size='220'>
      <journal>MAPS</journal>
    </published>
    <keywords>
      <key>go</key>
      <key>diagrams</key>
    </keywords>
    <abstract>
    Encoureged by Zalman Rubinstein, who described his chess diagrams in TUGboat vol. 10 no. 2, I have pre-
    pared some special fonts and &tex; macros to be used in typesetting go diagrams.
    </abstract>
  </bibentry>

  <bibentry type='article' id='7-18' language='EN'>
    <title>Towers of Hanoi, revisited</title>
    <author>
      <au index='laanvanderc'><fn>Kees</fn><prf>van der</prf><sn>Laan</sn></au>
    </author>
    <published volume='7' year='1991' pages='69-70' size='24'>
      <journal>MAPS</journal>
    </published>
    <keywords>
      <key>tower of Hanoi</key>
    </keywords>
    <abstract>
    Another version of &tex;ing 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 re-
    striction on the disks: disk size can be supplied by more than one digit.
    </abstract>
  </bibentry>

  <bibentry type='article' id='7-19' language='EN'>
    <title>6th European &tex; Conference</title>
    <author>
      <au index='laanvanderc'><fn>Kees</fn><prf>van der</prf><sn>Laan</sn></au>
    </author>
    <published volume='7' year='1991' pages='71-75' size='64'>
      <journal>MAPS</journal>
    </published>
    <keywords>
      <key>Euro&tex;</key>
      <key>conference</key>
      <key>Paris</key>
    </keywords>
    <abstract>
      <itemize>
        <item>User groups:<br/> 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.</item>
        <item>Panels:<br/> &tex; in Europe, how can we obtain better acceptance? &latex;3: impressive histo-
        ry, no release dates of yet.</item>
        <item>Presentations:<br/> Zlatu&scaron;ka's ACCENTS processor, for automatic generation of ac-
        cented virtual fonts for European languages from English input fonts in the &tex; font layout, looks
        promising.</item>
        <item>Publishing houses:<br/> 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;!</item>
        <item>Products:<br/> LAMS&tex; is still going public. Very promising though, especially the wizards
        manual.</item>
      </itemize>
```

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      </abstract>
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   <bibentry type='article' id='7-20' language='EN'>
      <title>The TUG91 Annual Meeting</title>
      <author>
         <au index='laanvanderc'><fn>Kees</fn><prf>van der</prf><sn>Laan</sn></au>
      </author>
      <published volume='7' year='1991' pages='76-82' size='84'>
         <journal>MAPS</journal>
      </published>
      <keywords>
         <key>TUG conference</key>
      </keywords>
      <abstract>
         <itemize>
            <item>Education:<br/> David Salomon is a great teacher: insights! He has donated his notes to TUG for
            inclusion in the &tex;niques series.</item>
            <item>Publishing houses:<br/> The publishing houses accept (La)&tex; copy. AMS leads with their to-
            tal production formatted via &tex;: 90K pages per year.</item>
            <item>Interchange format:<br/> DVI and Encapsulated PostScript!</item>
            <item>Workshops:<br/> Modifying manmac was great! The ways of encapsulating PostScript are put to-
            gether by Anita Hoover.  (see elsewhere in MAPS)</item>
            <item>Products:<br/> LAMS&tex; goes public.  Arbor&tex;t has extended and improved their products.
            ETP, of Mimi Lafrenz, did steal the show.</item>
         </itemize>
      </abstract>
   </bibentry>

   <bibentry type='article' id='7-21' language='EN'>
      <title>TUG Board of Directors meeting</title>
      <author>
         <au index='laanvanderc'><fn>Kees</fn><prf>van der</prf><sn>Laan</sn></au>
      </author>
      <published volume='7' year='1991' pages='83-84' size='13'>
         <journal>MAPS</journal>
      </published>
      <keywords>
         <key>TUG conference</key>
         <key>board-of-directors</key>
      </keywords>
      <abstract>
      The following are loosely formulated issues which were agreed upon. For more preciseness the reader is
      referred to the (approved) minutes.
      </abstract>
   </bibentry>

   <bibentry type='article' id='7-22' language='EN'>
      <title>Visit AMS and TUG office</title>
      <author>
         <au index='laanvanderc'><fn>Kees</fn><prf>van der</prf><sn>Laan</sn></au>
      </author>
      <published volume='7' year='1991' pages='85-86' size='19'>
         <journal>MAPS</journal>
      </published>
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         <key>AMS</key>
         <key>TUG office</key>
      </keywords>
      <abstract>
      A report is given of the role of AMS with respect to &tex; and TUG. The TUG office is next door and the co-
      operation is beneficial. A few relevant documents and the AMS preprint styles as well as the accompanying
      documentation are enumerated.
      </abstract>
   </bibentry>
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<bibentry type='article' id='7-23' language='EN'>
  <title>&tex;niques in Siberia</title>
  <author>
    <au index='jurrienst'><fn>Theo</fn><sn>Jurriens</sn></au>
  </author>
  <published volume='7' year='1991' pages='87-90' size='226'>
    <journal>MAPS</journal>
  </published>
  <keywords>
    <key>Siberia</key>
    <key>&latex;</key>
    <key>courses</key>
    <key>USSR</key>
  </keywords>
  <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.
  </abstract>
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<bibentry type='article' id='7-24' language='EN'>
  <title>An Introduction to &tex; for New Users</title>
  <author>
    <au index='hoeniga'><fn>Alan</fn><sn>Hoenig</sn></au>
  </author>
  <published volume='7' year='1991' pages='91-96' size='85'>
    <journal>MAPS</journal>
  </published>
  <keywords>
    <key>introduction</key>
    <key>new users</key>
  </keywords>
  <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 typeset-
  ting systems, and what the advantages are to using &tex;.
  </abstract>
</bibentry>

<bibentry type='article' id='7-25' language='NL'>
  <title>Hoe met &latex; een boek kan worden gemaakt</title>
  <author>
    <au index='smedingar'><fn>Rein</fn><sn>Smedinga</sn></au>
  </author>
  <published volume='7' year='1991' pages='97-101' size='55'>
    <journal>MAPS</journal>
  </published>
  <keywords>
    <key>&latex;</key>
    <key>book</key>
  </keywords>
  <abstract>
  Het cre&euml;ren van een boek met &latex; is geen vanzelfsprekende bezigheid. Onderstaand het relaasvan
  zo'n poging: het boek-in-wording Inleiding Informatica dat in eerste instantie als dictaat bij het bi-
  jbehorende 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 lay-
  out.
  </abstract>
</bibentry>

<bibentry type='article' id='7-26' language='EN'>
  <title>Ladies and &latex;</title>
  <author>
    <au index='jurrienst'><fn>Theo</fn><sn>Jurriens</sn></au>
  </author>
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    <published volume='7' year='1991' pages='102-104' size='34'>
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    </published>
    <keywords>
      <key>&latex;</key>
      <key>non-scientists</key>
      <key>simplification</key>
    </keywords>
    <abstract>
    This paper describes the use of &latex; by non-astronomers at the Kapteyn Institute. Although the gener-
    al 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.
    </abstract>
</bibentry>

<bibentry type='article' id='7-27' language='NL'>
    <title>Two Sides of the Fence</title>
    <author>
      <au index='poppeliern'><fn>Nico</fn><sn>Poppelier</sn></au>
    </author>
    <published volume='7' year='1991' pages='105-110' size='75'>
      <journal>MAPS</journal>
    </published>
    <keywords>
      <key>TUG conference</key>
      <key>future</key>
    </keywords>
    <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.
    </abstract>
</bibentry>

<bibentry type='article' id='7-28' language='NL'>
    <title>Report on Workshop: Getting PostScript into &tex; and &latex; Documents</title>
    <author>
      <au index='hoovera'><fn>Anita</fn><sn>Hoover</sn></au>
    </author>
    <published volume='7' year='1991' pages='111-116' size='62'>
      <journal>MAPS</journal>
    </published>
    <keywords>
      <key>workshop</key>
      <key>PostScript</key>
    </keywords>
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<bibentry type='article' id='7-29' language='EN'>
    <title>The TUGLIB Server</title>
    <author>
      <au index='beeben'><fn>Nelson</fn><sn>Beebe</sn></au>
    </author>
    <published volume='7' year='1991' pages='117-123' size='76'>
      <journal>MAPS</journal>
    </published>
    <keywords>
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<bibentry type='article' id='7-34' language='NL'>
  <title>LAMS&tex;</title>
  <author>
    <au index='spivakm'><fn>Michael</fn><sn>Spivak</sn></au>
  </author>
  <published volume='7' year='1991' pages='131' size='21'>
    <journal>MAPS</journal>
  </published>
  <keywords>
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  </keywords>
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<bibentry type='article' id='7-35' language='NL'>
  <title>Scholar&tex;</title>
  <author>
    <au index='haralambousy'><fn>Yannis</fn><sn>Haralambous</sn></au>
  </author>
  <published volume='7' year='1991' pages='132' size='21'>
    <journal>MAPS</journal>
  </published>
  <keywords>
    <key>Scholar&tex;</key>
  </keywords>
  <abstract>
  Scholar&tex; is a collection of fonts, macros, preprocessor, hyphenation patterns, other related soft-
  ware and a 150-pages manual with many illustrations, exemples, 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.
  </abstract>
</bibentry>

<bibentry type='article' id='7-36' language='EN'>
  <title>TUGboat, Table of Contents</title>
  <published volume='7' year='1991' pages='133-134' size='31'>
    <journal>MAPS</journal>
  </published>
  <keywords>
    <key>TUGboat</key>
    <key>contents</key>
  </keywords>
  <abstract>
  Table of contents of TUGboat Volume 12.1 and 12.2.
  </abstract>
</bibentry>

<bibentry type='article' id='7-37' language='NL'>
  <title>'Insights in &tex;' course (1)</title>
  <author>
    <au index='salomond'><fn>David</fn><sn>Salomon</sn></au>
  </author>
  <published volume='7' year='1991' pages='135' size='18'>
    <journal>MAPS</journal>
  </published>
  <keywords>
    <key>courses</key>
    <key>insights</key>
  </keywords>
  <abstract>
  This course, with no hands-on, is aimed at &tex; and &latex; users who are ready for to acquire more in-
  sights into the &tex;nigma. For those who are still working at the 'book' level an extra one-day introduc-
  tory course can be organized if need for that is large enough.
```

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<bibentry type='book' id='maps8' language='NL/EN'>
  <title>MAPS 92.1</title>
  <editor index='nesgvan'><fn>Gerard</fn><prf>van</prf><sn>Nes</sn></editor>
  <published volume='8' year='1992' pages='1-150' size='1628'>
    <series>MAPS</series>
    <publisher>NTG</publisher>
  </published>
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    <key>NTG</key>
    <key>MAPS</key>
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  NTG's magazine
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<bibentry type='verslag' id='8-1' language='NL'>
  <title>Verslag (1992/1)</title>
  <author>
    <au index='nesgvan'><fn>Gerard</fn><prf>van</prf><sn>Nes</sn></au>
    <au index='winninkj'><fn>Jos</fn><sn>Winnink</sn></au>
  </author>
  <published volume='8' year='1992' pages='1-4' size='51'>
    <journal>MAPS</journal>
  </published>
  <keywords>
    <key>report</key>
    <key>members meeting</key>
  </keywords>
  <abstract>
  Opening; Verslag bijeenkomst 2 mei 1991; Ingekomen stukken en Mededelingen; Verslag/discussie werk-
  groepen; Rondvraag; NTG presentaties: 'Fun with &tex;'; Sluiting.
  </abstract>
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<bibentry type='message' id='8-2' language='NL'>
  <title>&tex; kalender &amp; Glossary &amp; Aanschaf &tex; boeken</title>
  <published volume='8' year='1992' pages='5' size='16'>
    <journal>MAPS</journal>
  </published>
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    <key>calendar</key>
    <key>glossary</key>
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  </keywords>
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<bibentry type='message' id='8-3' language='NL'>
  <title>Werkgroepen NTG</title>
  <published volume='8' year='1992' pages='6' size='12'>
    <journal>MAPS</journal>
  </published>
  <keywords>
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  Verslag werkgroepen.
  </abstract>
</bibentry>

<bibentry type='message' id='8-4' language='NL'>
  <title>Van de Voorzitter (1992/1)</title>
  <author>
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      <au index='laanvanderc'><fn>Kees</fn><prf>van der</prf><sn>Laan</sn></au>
    </author>
    <published volume='8' year='1992' pages='7' size='21'>
      <journal>MAPS</journal>
    </published>
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<bibentry type='message' id='8-5' language='NL'>
    <title>Jaarverslag NTG 1991</title>
    <author>
      <au index='nesgvan'><fn>Gerard</fn><prf>van</prf><sn>Nes</sn></au>
    </author>
    <published volume='8' year='1992' pages='8-10' size='33'>
      <journal>MAPS</journal>
    </published>
    <keywords>
      <key>report NTG</key>
    </keywords>
    <abstract>
    In 1991 ging de NTG zijn 4e jaar van bestaan in. Wederom verschenen er een tweetal MAPS (Minutes &amp; AP-
    pendiceS), 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.
    </abstract>
</bibentry>

<bibentry type='message' id='8-6' language='NL'>
    <title>Financieel verslag NTG 1991</title>
    <author>
      <au index='braamsj'><fn>Johannes</fn><sn>Braams</sn></au>
    </author>
    <published volume='8' year='1992' pages='11-12' size='26'>
      <journal>MAPS</journal>
    </published>
    <keywords>
      <key>financial report</key>
    </keywords>
</bibentry>

<bibentry type='message' id='8-7' language='NL'>
    <title>NTG's listserver &tex;-NL</title>
    <published volume='8' year='1992' pages='13-15' size='18'>
      <journal>MAPS</journal>
    </published>
    <keywords>
      <key>listserver</key>
      <key>TEX-NL</key>
    </keywords>
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    Overzicht gebruikers listserver.
    </abstract>
</bibentry>

<bibentry type='message' id='8-8' language='NL'>
    <title>NTG's fileserver &tex;-NL</title>
    <published volume='8' year='1992' pages='16-22' size='39'>
      <journal>MAPS</journal>
    </published>
    <keywords>
      <key>fileserver</key>
    </keywords>
    <abstract>
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      Overzicht inhoud NTG fileserver.
    </abstract>
  </bibentry>

  <bibentry type='article' id='8-9' language='EN'>
    <title>WG 1: Education; Review Urban's 'An introduction to &latex;'</title>
    <author>
      <au index='laanvanderc'><fn>Kees</fn><prf>van der</prf><sn>Laan</sn></au>
    </author>
    <published volume='8' year='1992' pages='23-24' size='31'>
      <journal>MAPS</journal>
    </published>
    <keywords>
      <key>review</key>
      <key>book review</key>
    </keywords>
    <abstract>
    Review of Michael Urban's 'An introduction to &latex;'
    </abstract>
  </bibentry>

  <bibentry type='article' id='8-10' language='EN'>
    <title>WG 1: Education; Addendum 'Publiceren met &latex;'</title>
    <author>
      <au index='laanvanderc'><fn>Kees</fn><prf>van der</prf><sn>Laan</sn></au>
    </author>
    <published volume='8' year='1992' pages='25-30' size='74'>
      <journal>MAPS</journal>
    </published>
    <keywords>
      <key>&latex;</key>
    </keywords>
    <abstract>
    Addendum 'Publiceren met &latex;'
    </abstract>
  </bibentry>

  <bibentry type='article' id='8-11' language='NL'>
    <title>WG 4: Fonts: Met schuine en begerige ogen</title>
    <author>
      <au index='vensej'><fn>Erik-Jan</fn><sn>Vens</sn></au>
    </author>
    <published volume='8' year='1992' pages='31-32' size='29'>
      <journal>MAPS</journal>
    </published>
    <keywords>
      <key>working group</key>
      <key>fonts</key>
    </keywords>
    <abstract>
    'Peremesjtsjenije', Een verhaal van nette armoei.
    </abstract>
  </bibentry>

  <bibentry type='article' id='8-12' language='NL'>
    <title>WG 7: PC-zaken</title>
    <author>
      <au index='winninkj'><fn>Jos</fn><sn>Winnink</sn></au>
    </author>
    <published volume='8' year='1992' pages='33-34' size='13'>
      <journal>MAPS</journal>
    </published>
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      <key>PC</key>
      <key>MS-DOS</key>
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    Activiteiten van werkgroep 7: PC-zaken.
    </abstract>
</bibentry>

<bibentry type='article' id='8-13' language='EN'>
  <title>Music&tex;; using &tex; to write polyphonic or instrumental music</title>
  <author>
    <au index='taupind'><fn>Daniel</fn><sn>Taupin</sn></au>
  </author>
  <published volume='8' year='1992' pages='35-52' size='275'>
    <journal>MAPS</journal>
  </published>
  <keywords>
    <key>music</key>
  </keywords>
  <abstract>
  Music&tex; is a set of &tex; macros to typeset polyphonic, orchestral or polyphonic music.
  </abstract>
</bibentry>

<bibentry type='article' id='8-14' language='EN'>
  <title>Dating with &tex;</title>
  <author>
    <au index='jurrienst'><fn>Theo</fn><sn>Jurriens</sn></au>
  </author>
  <published volume='8' year='1992' pages='53-56' size='18'>
    <journal>MAPS</journal>
  </published>
  <keywords>
    <key>dates</key>
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  <abstract>
  Three &tex;-coded algorithms are given for performing tricks with dates.
  </abstract>
</bibentry>

<bibentry type='article' id='8-15' language='NL'>
  <title>Dag van het Document (verslag ITI-TNO informatiedag)</title>
  <author>
    <au index='laanvanderc'><fn>Kees</fn><prf>van der</prf><sn>Laan</sn></au>
  </author>
  <published volume='8' year='1992' pages='57-58' size='22'>
    <journal>MAPS</journal>
  </published>
  <keywords>
    <key>document</key>
    <key>opslag en retrieval</key>
    <key>ITI-TNO</key>
  </keywords>
  <abstract>
  Een verslag van de dag van het document. Centraal stond de problematiek: opslag en retrieval van docu-
  menten. Interessant waren het begrip bibliotheek zonder muren, en de intelligente auteursomgevingen. Het
  dilemma ten aaanzien van het centrale theam 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.
  </abstract>
</bibentry>

<bibentry type='article' id='8-16' language='NL'>
  <title>Molecuul Muis Manuscript (verslag KNCV symposium)</title>
  <author>
    <au index='nesgvan'><fn>Gerard</fn><prf>van</prf><sn>Nes</sn></au>
  </author>
  <published volume='8' year='1992' pages='59-62' size='40'>
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    </published>
    <keywords>
      <key>chemistry</key>
      <key>electronic publishing</key>
      <key>KNCV</key>
    </keywords>
    <abstract>
    Op 18 oktober 1991 werd door de sectie Computertoepassingen van de KNCV (Koninklijke Nederlandse Chemis-
    che Vereniging) een symposium m.b.t. chemische tekstverwerking georganiseerd. Naast een algemene intro-
    ductie over 'Electronisch Publiceren', kregen zowel de Apple Macintosh als MS-DOS ge&iuml;nteresseerden
    (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 hon-
    derd deelnemers, inclusief een tiental leveranciers. Vele (leerzame) demonstraties, zowel tijdens de
    lezingen, als ook tussen de lezingensessies door, zorgden mede voor een duidelijk overzicht.
    </abstract>
</bibentry>

<bibentry type='article' id='8-17' language='EN'>
    <title>An introduction to &tex; -- part I course David Salomon --</title>
    <author>
      <au index='salomond'><fn>David</fn><sn>Salomon</sn></au>
    </author>
    <published volume='8' year='1992' pages='63-80' size='274'>
      <journal>MAPS</journal>
    </published>
    <keywords>
      <key>introduction</key>
    </keywords>
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<bibentry type='article' id='8-18' language='EN'>
    <title>The Components of &tex;</title>
    <author>
      <au index='schrodj'><fn>Joachim</fn><sn>Schrod</sn></au>
    </author>
    <published volume='8' year='1992' pages='81-86' size='67'>
      <journal>MAPS</journal>
    </published>
    <keywords>
      <key>components of &tex;</key>
    </keywords>
    <abstract>
    &tex; needs a great amount of supplementary components (files and programs) of which the meaning and in-
    teraction often is unknown. This paper explains the components of the kernel system &tex; that are visi-
    ble for the &tex; user and their relations.
    </abstract>
</bibentry>

<bibentry type='article' id='8-19' language='EN'>
    <title>&latex;3 project</title>
    <author>
      <au index='mittelbachf'><fn>Frank</fn><sn>Mittelbach</sn></au>
    </author>
    <published volume='8' year='1992' pages='87-90' size='49'>
      <journal>MAPS</journal>
    </published>
    <keywords>
      <key>&latex;3</key>
    </keywords>
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<bibentry type='article' id='8-20' language='EN'>
    <title>&latex; Editing support</title>
    <author>
      <au index='beeben'><fn>Nelson</fn><sn>Beebe</sn></au>
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    </author>
    <published volume='8' year='1992' pages='91-114' size='237'>
      <journal>MAPS</journal>
    </published>
    <keywords>
      <key>&latex;</key>
      <key>editing</key>
      <key>emacs</key>
    </keywords>
    <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 pro-
gramming languages, which can be described by rigorous grammars that in turn permit the automatic con-
struction of lexical analyzers and parsers, and structured editors to support programming in those lan-
guages. This article describes a powerful facility for the preparation of &latex; documents using the
Emacs text editor.
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<bibentry type='article' id='8-21' language='EN'>
    <title>Prolegomena toward a font selection scheme</title>
    <author>
      <au index='eijkhoutv'><fn>Victor</fn><sn>Eijkhout</sn></au>
    </author>
    <published volume='8' year='1992' pages='115-116' size='34'>
      <journal>MAPS</journal>
    </published>
    <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<tt>\font</tt>. 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 differ-
ent 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<tt>\baselineskip</tt> 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.
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<bibentry type='article' id='8-22' language='EN'>
    <title>From observation to publication</title>
    <author>
      <au index='jurrienst'><fn>Theo</fn><sn>Jurriens</sn></au>
    </author>
    <published volume='8' year='1992' pages='117-120' size='68'>
      <journal>MAPS</journal>
    </published>
    <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: PIC&tex; is used. In preparing the files for PIC&tex; simple
&tex;-coding is used for manipulating the data.
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<bibentry type='article' id='8-23' language='EN'>
    <title>FIFO and LIFO incognito</title>
    <author>
      <au index='laanvanderc'><fn>Kees</fn><prf>van der</prf><sn>Laan</sn></au>
    </author>
    <published volume='8' year='1992' pages='121-124' size='51'>
      <journal>MAPS</journal>
    </published>
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      <key>FIFO</key>
```

```
    <key>LIFO</key>
  </keywords>
  <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.
  </abstract>
</bibentry>

<bibentry type='article' id='8-24' language='EN'>
  <title>Tower of Hanoi</title>
  <author>
    <au index='laanvanderc'><fn>Kees</fn><prf>van der</prf><sn>Laan</sn></au>
  </author>
  <published volume='8' year='1992' pages='125-127' size='49'>
    <journal>MAPS</journal>
  </published>
  <keywords>
    <key>tower of Hanoi</key>
  </keywords>
  <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 lim-
  its of &tex;. Generalized disks can be moved as well.
  </abstract>
</bibentry>

<bibentry type='article' id='8-25' language='EN'>
  <title>Typesetting Crosswords via &tex;</title>
  <author>
    <au index='laanvanderc'><fn>Kees</fn><prf>van der</prf><sn>Laan</sn></au>
  </author>
  <published volume='8' year='1992' pages='128-132' size='59'>
    <journal>MAPS</journal>
  </published>
  <keywords>
    <key>crosswords</key>
    <key index='haligna'>\halign</key>
    <key>WYSIWYG</key>
    <key>plain &tex;</key>
  </keywords>
  <abstract>
  A macro is provided for typesetting crosswords via (plain) &tex;, or any &tex;, which allows<tt>\halign</tt>
  use. The specification of the crossword information can be done in the WYSIWYG way, and does not
  require<tt>\halign</tt> markup, just the data.
  </abstract>
</bibentry>

<bibentry type='article' id='8-26' language='NL'>
  <title>Ladies &amp; &latex; -- II</title>
  <author>
    <au index='jurrienst'><fn>Theo</fn><sn>Jurriens</sn></au>
  </author>
  <published volume='8' year='1992' pages='133-134' size='31'>
    <journal>MAPS</journal>
  </published>
  <abstract>
  In dit artikel wordt mijn ervaring als &latex;-docent, vraagbaak voor secretaresses beschreven. Er zijn
  twee bronnen van problemen: organisatie en &tex;-techniek.
  </abstract>
</bibentry>

<bibentry type='article' id='8-27' language='EN'>
  <title>Book reviews</title>
  <author>
    <au index='poppeliern'><fn>Nico</fn><sn>Poppelier</sn></au>
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```
      <au index='hendricksona'><fn>Amy</fn><sn>Hendrickson</sn></au>
    </author>
    <published volume='8' year='1992' pages='135-138' size='56'>
      <journal>MAPS</journal>
    </published>
    <keywords>
      <key>book review</key>
      <key>SGML</key>
    </keywords>
    <abstract>
    Reviews of '&latex; for Everyone' (Jane Hahn), 'Practical SGML' (Eric van Herwijnen), '&tex; by Topic, A
    &tex;nician's Reference' (Victor Eijkhout).
    </abstract>
</bibentry>

<bibentry type='article' id='8-28' language='EN'>
    <title>Spivak's Oeuvre</title>
    <author>
      <au index='laanvanderc'><fn>Kees</fn><prf>van der</prf><sn>Laan</sn></au>
    </author>
    <published volume='8' year='1992' pages='139-142' size='62'>
      <journal>MAPS</journal>
    </published>
    <keywords>
      <key>LAMS&tex;</key>
    </keywords>
    <abstract>
    Spivak's 'The Joy of &tex;' and 'LAMS&tex; -- The Synthesis' are discussed.
    </abstract>
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<bibentry type='article' id='8-29' language='EN'>
    <title>TUGboat, Table of Contents</title>
    <published volume='8' year='1992' pages='143-144' size='35'>
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    </published>
    <keywords>
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    Table of contents of TUGboat Volume 12.3, 12.4 and 13.1.
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<bibentry type='message' id='8-30' language='NL'>
    <title>Tijdschriften zusterverenigingen</title>
    <published volume='8' year='1992' pages='145-146' size='31'>
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<bibentry type='message' id='8-31' language='EN'>
    <title>Euro&tex;92 announcement</title>
    <author>
      <au index='veselyj'><fn>Ji&rcaron;&iacute;</fn><sn>Vesely</sn></au>
    </author>
    <published volume='8' year='1992' pages='147-148' size='22'>
      <journal>MAPS</journal>
    </published>
    <keywords>
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      <key>conference</key>
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   Announcement of the Euro&tex;'92 conference.
   </abstract>
</bibentry>

<bibentry type='article' id='8-32' language='EN'>
   <title>'Insights in &tex;' course (2)</title>
   <author>
      <au index='salomond'><fn>David</fn><sn>Salomon</sn></au>
   </author>
   <published volume='8' year='1992' pages='149-150' size='27'>
      <journal>MAPS</journal>
   </published>
   <keywords>
      <key>courses</key>
   </keywords>
   <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 &tex;nigma. An extra one-day introductory course can be organized for inexperi-
   enced users, if there is enough demand.
   </abstract>
</bibentry>

<bibentry type='book' id='maps9' language='NL/EN'>
   <title>MAPS 92.2</title>
   <editor index='nesgvan'><fn>Gerard</fn><prf>van</prf><sn>Nes</sn></editor>
   <published volume='9' year='1992' pages='1-162' size='2054'>
      <series>MAPS</series>
      <publisher>NTG</publisher>
   </published>
   <keywords>
      <key>NTG</key>
      <key>MAPS</key>
      <key>Minutes &amp; Appendices</key>
   </keywords>
   <abstract>
   NTG's magazine
   </abstract>
</bibentry>

<bibentry type='verslag' id='9-1' language='NL'>
   <title>Verslag (1992/2)</title>
   <author>
      <au index='nesgvan'><fn>Gerard</fn><prf>van</prf><sn>Nes</sn></au>
      <au index='winninkj'><fn>Jos</fn><sn>Winnink</sn></au>
   </author>
   <published volume='9' year='1992' pages='1-4' size='61'>
      <journal>MAPS</journal>
   </published>
   <keywords>
      <key>report</key>
      <key>members meeting</key>
   </keywords>
   <abstract>
   Opening; Verslag bijeenkomst 21 november 1991; Ingekomen stukken en Mededelingen; NTG jaarvergadering;
   Verslag/discussie werkgroepen; Rondvraag; NTG presentaties: '&tex; and Scientific Publishing'; Sluit-
   ing.
   </abstract>
</bibentry>

<bibentry type='message' id='9-2' language='NL'>
   <title>&tex; kalender &amp; Glossary &amp; Discount boeken en software voor NTG leden</title>
   <published volume='9' year='1992' pages='5' size='23'>
      <journal>MAPS</journal>
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    </published>
    <keywords>
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      <key>glossary</key>
      <key>book</key>
      <key>software</key>
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</bibentry>

<bibentry type='message' id='9-3' language='NL'>
    <title>Werkgroepen NTG</title>
    <published volume='9' year='1992' pages='6' size='12'>
      <journal>MAPS</journal>
    </published>
    <keywords>
      <key>working group</key>
    </keywords>
    <abstract>
    Verslag werkgroepen.
    </abstract>
</bibentry>

<bibentry type='message' id='9-4' language='NL'>
    <title>Van uw MAPS Editor (1992)</title>
    <author>
      <au index='nesgvan'><fn>Gerard</fn><prf>van</prf><sn>Nes</sn></au>
    </author>
    <published volume='9' year='1992' pages='7-8' size='38'>
      <journal>MAPS</journal>
    </published>
    <keywords>
      <key>MAPS</key>
    </keywords>
</bibentry>

<bibentry type='message' id='9-5' language='NL'>
    <title>Van de Voorzitter (1992/2)</title>
    <author>
      <au index='laanvanderc'><fn>Kees</fn><prf>van der</prf><sn>Laan</sn></au>
    </author>
    <published volume='9' year='1992' pages='9-11' size='47'>
      <journal>MAPS</journal>
    </published>
    <keywords>
      <key>chairman</key>
    </keywords>
</bibentry>

<bibentry type='message' id='9-6' language='NL'>
    <title>Concept begroting 1993</title>
    <author>
      <au index='braamsj'><fn>Johannes</fn><sn>Braams</sn></au>
    </author>
    <published volume='9' year='1992' pages='12' size='21'>
      <journal>MAPS</journal>
    </published>
    <keywords>
      <key>budget</key>
    </keywords>
</bibentry>

<bibentry type='message' id='9-7' language='NL'>
    <title>NTG's listserver &tex;-NL</title>
    <published volume='9' year='1992' pages='13-15' size='22'>
      <journal>MAPS</journal>
    </published>
    <keywords>
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      <key>listserver</key>
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   </keywords>
   <abstract>
   Overzicht gebruikers listserver.
   </abstract>
</bibentry>

<bibentry type='message' id='9-8' language='NL'>
   <title>NTG's fileserver &tex;-NL</title>
   <published volume='9' year='1992' pages='16-22' size='43'>
      <journal>MAPS</journal>
   </published>
   <keywords>
      <key>fileserver</key>
   </keywords>
   <abstract>
   Overzicht inhoud NTG fileserver.
   </abstract>
</bibentry>

<bibentry type='article' id='9-9' language='NL'>
   <title>WG 3: Evaluatie; Formules in WP5.1, DECwrite en &latex;</title>
   <author>
      <au index='muldersh'><fn>Huub</fn><sn>Mulders</sn></au>
   </author>
   <published volume='9' year='1992' pages='23-30' size='173'>
      <journal>MAPS</journal>
   </published>
   <keywords>
      <key>formulas</key>
      <key>evaluation</key>
      <key>WordPerfect</key>
      <key>DECwrite</key>
      <key>&latex;</key>
   </keywords>
   <abstract>
   De pakketten WP5.1, DECwrite en &latex; bieden de mogelijkheid om formules te typesetten. Om de mo-
   gelijkheden en kwaliteit te kunnen beoordelen is geprobeerd een vijftal formules met behulp van de drie
   pakketten te maken.
   </abstract>
</bibentry>

<bibentry type='article' id='9-10' language='NL'>
   <title>WG 4: Fonts; Hoe maak ik van een font twee fonts?</title>
   <author>
      <au index='vensej'><fn>Erik-Jan</fn><sn>Vens</sn></au>
   </author>
   <published volume='9' year='1992' pages='31-32' size='21'>
      <journal>MAPS</journal>
   </published>
   <keywords>
      <key>working group</key>
      <key>fonts</key>
      <key>virtual fonts</key>
   </keywords>
   <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 daar-
   voor nodig hebt.
   </abstract>
</bibentry>

<bibentry type='article' id='9-11' language='NL'>
   <title>7th European &tex; Conference: Euro&tex;'92</title>
```

```
    <author>
      <au index='laanvanderc'><fn>Kees</fn><prf>van der</prf><sn>Laan</sn></au>
    </author>
    <published volume='9' year='1992' pages='33-36' size='53'>
      <journal>MAPS</journal>
    </published>
    <keywords>
      <key>Euro&tex;</key>
      <key>conference</key>
      <key>Prague</key>
    </keywords>
    <abstract>
    Highlights of this Euro&tex;'92 at Prague were:
      <itemize>
        <item>Graphics via &tex; and METAFONT.</item>
        <item>= METAFONT with PostScript output.</item>
        <item>PostScript fonts coupled to &tex;.</item>
        <item>What every advisory service should know.</item>
        <item>As&tex; as model for a scientific workbench.</item>
        <item>Several (free) tutorials: Advanced &tex;, Virtual fonts, XY-PiC.</item>
      </itemize>
    </abstract>
</bibentry>

<bibentry type='article' id='9-12' language='NL'>
    <title>Verslag van de TUG conferentie in Portland, Oregon</title>
    <author>
      <au index='braamsj'><fn>Johannes</fn><sn>Braams</sn></au>
    </author>
    <published volume='9' year='1992' pages='37-42' size='68'>
      <journal>MAPS</journal>
    </published>
    <keywords>
      <key>TUG conference</key>
      <key>Portland</key>
    </keywords>
    <abstract>
    Verslag van de TUG conferentie in Portland, Oregon.
    </abstract>
</bibentry>

<bibentry type='article' id='9-13' language='EN'>
    <title>The Key to Successful Support: Knowing Your &tex; and &latex; Users</title>
    <author>
      <au index='hoovera'><fn>Anita</fn><sn>Hoover</sn></au>
    </author>
    <published volume='9' year='1992' pages='43-49' size='80'>
      <journal>MAPS</journal>
    </published>
    <keywords>
      <key>user support</key>
    </keywords>
    <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.
    </abstract>
</bibentry>

<bibentry type='article' id='9-14' language='EN'>
    <title>The Pursuit of Quality</title>
    <author>
      <au index='mittelbachf'><fn>Frank</fn><sn>Mittelbach</sn></au>
      <au index='rowleyc'><fn>Chris</fn><sn>Rowley</sn></au>
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    </author>
    <published volume='9' year='1992' pages='50-56' size='80'>
      <journal>MAPS</journal>
    </published>
    <keywords>
      <key>craft typography</key>
      <key>automated typesetting</key>
      <key>document formatting models</key>
      <key>paradigm</key>
      <key>typographic rules</key>
      <key>visual contexts</key>
      <key>logical contexts</key>
      <key>global optimization</key>
    </keywords>
    <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 for-
    matting model currently in use. The second part explains why the current paradigms of computerized type-
    setting will not serve for high-quality formatting and suggests directions for the further research nec-
    essary to improve the quality of computer generated layout.
    </abstract>
</bibentry>

<bibentry type='article' id='9-15' language='EN'>
    <title>Writing Reports with More than a Hundred People</title>
    <author>
      <au index='laanwvander'><fn>Walter</fn><prf>van der</prf><sn>Laan</sn></au>
      <au index='braamsj'><fn>Johannes</fn><sn>Braams</sn></au>
    </author>
    <published volume='9' year='1992' pages='57-62' size='145'>
      <journal>MAPS</journal>
    </published>
    <keywords>
      <key>automated report writing</key>
      <key>&latex;</key>
    </keywords>
    <abstract>
    This paper describes a system that produces project status reports using &latex;. The reports con-
    tain 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.
    </abstract>
</bibentry>

<bibentry type='article' id='9-16' language='EN'>
    <title>&tex;-based Production at the AMS</title>
    <author>
      <au index='youngenr'><fn>Ralph</fn><sn>Youngen</sn></au>
    </author>
    <published volume='9' year='1992' pages='63-68' size='96'>
      <journal>MAPS</journal>
    </published>
    <keywords>
      <key>AMS</key>
    </keywords>
    <abstract>
    The American Mathematical Society (AMS) is a both major publisher of mathematical research, and a profes-
    sional 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.
    </abstract>
</bibentry>

<bibentry type='article' id='9-17' language='EN'>
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    <title>Standard dtd's and Scientific Publishing</title>
    <author>
      <au index='poppeliern'><fn>Nico</fn><sn>Poppelier</sn></au>
      <au index='herwijnenevan'><fn>Eric</fn><prf>van</prf><sn>Herwijnen</sn></au>
      <au index='rowleyc'><fn>Chris</fn><sn>Rowley</sn></au>
    </author>
    <published volume='9' year='1992' pages='69-80' size='143'>
      <journal>MAPS</journal>
    </published>
    <keywords>
      <key>DTD</key>
      <key>SGML</key>
      <key>scientific publishing</key>
    </keywords>
    <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 require-
    ments for a document type definition for mathematical formulas. In the appendices we discuss and compare
    existing document type definitions for mathematical formulas.
    </abstract>
</bibentry>

<bibentry type='article' id='9-18' language='EN'>
    <title>Incorporating PostScript fonts in &tex;</title>
    <author>
      <au index='vensej'><fn>Erik-Jan</fn><sn>Vens</sn></au>
    </author>
    <published volume='9' year='1992' pages='81-84' size='58'>
      <journal>MAPS</journal>
    </published>
    <keywords>
      <key>PostScript</key>
      <key>fonts</key>
      <key>pfb2mf</key>
      <key>conversion</key>
    </keywords>
    <abstract>
    pfb2mf provides the &tex; community with an interface to the PostScript Type One fonts. There is an over-
    whelming 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.
    </abstract>
</bibentry>

<bibentry type='article' id='9-19' language='EN'>
    <title>Creating Shaded Rectangles with PostScript</title>
    <author>
      <au index='salomond'><fn>David</fn><sn>Salomon</sn></au>
    </author>
    <published volume='9' year='1992' pages='85-88' size='36'>
      <journal>MAPS</journal>
    </published>
    <keywords>
      <key>shaded rectangles</key>
      <key>PostScript</key>
    </keywords>
    <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.
    </abstract>
</bibentry>

<bibentry type='article' id='9-20' language='EN'>
    <title>Introduction to METAPOST</title>
    <author>
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    <au index='hobbyj'><fn>John</fn><sn>Hobby</sn></au>
  </author>
  <published volume='9' year='1992' pages='89-96' size='110'>
    <journal>MAPS</journal>
  </published>
  <keywords>
    <key>METAFONT</key>
    <key>METAPOST</key>
    <key>picture drawing</key>
  </keywords>
  <abstract>
  METAPOST is a picture-drawing language very much like METAFONT except with PostScript output. The lan-
  guage 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.
  </abstract>
</bibentry>

<bibentry type='article' id='9-21' language='EN'>
  <title>&tex; for Everyone!?</title>
  <author>
    <au index='jurrienst'><fn>Theo</fn><sn>Jurriens</sn></au>
  </author>
  <published volume='9' year='1992' pages='97-99' size='48'>
    <journal>MAPS</journal>
  </published>
  <keywords>
    <key>METAFONT</key>
    <key>PostScript</key>
  </keywords>
  <abstract>
  In this article author tries to defend a more general use of &tex; outside the world of mathematics, as-
  tronomy, 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.
  </abstract>
</bibentry>

<bibentry type='article' id='9-22' language='NL'>
  <title>&tex; als Database</title>
  <author>
    <au index='jurrienst'><fn>Theo</fn><sn>Jurriens</sn></au>
  </author>
  <published volume='9' year='1992' pages='100-101' size='15'>
    <journal>MAPS</journal>
  </published>
  <keywords>
    <key>databases</key>
    <key>administration</key>
  </keywords>
  <abstract>
  In dit artikel wordt beschreven hoe &tex; is gebruikt als een primitieve database voor de administratie
  van de 47ste Nederlandse Astronomen Conferentie.
  </abstract>
</bibentry>

<bibentry type='article' id='9-23' language='NL'>
  <title>Ladies and &latex; -- III Vragen allerlei!</title>
  <author>
    <au index='jurrienst'><fn>Theo</fn><sn>Jurriens</sn></au>
  </author>
  <published volume='9' year='1992' pages='102-104' size='24'>
    <journal>MAPS</journal>
  </published>
  <keywords>
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    <key>multi-columns</key>
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    <key>letter</key>
    <key>table of contents</key>
  </keywords>
  <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.
  </abstract>
</bibentry>

<bibentry type='article' id='9-24' language='EN'>
  <title>Just give me a Lollipop (it makes my heart go giddy-up)</title>
  <author>
    <au index='eijkhoutv'><fn>Victor</fn><sn>Eijkhout</sn></au>
  </author>
  <published volume='9' year='1992' pages='105-110' size='66'>
    <journal>MAPS</journal>
  </published>
  <keywords>
    <key>Lollipop</key>
    <key>meta-format</key>
    <key>style design</key>
  </keywords>
  <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.
  </abstract>
</bibentry>

<bibentry type='article' id='9-25' language='EN'>
  <title>Index Preparation for &tex; Related Documents</title>
  <author>
    <au index='salomond'><fn>David</fn><sn>Salomon</sn></au>
  </author>
  <published volume='9' year='1992' pages='111-114' size='50'>
    <journal>MAPS</journal>
  </published>
  <keywords>
    <key>index preparation</key>
    <key>MakeIndex</key>
  </keywords>
  <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.
  </abstract>
</bibentry>

<bibentry type='article' id='9-26' language='EN'>
  <title>Table Diversions</title>
  <author>
    <au index='laanvanderc'><fn>Kees</fn><prf>van der</prf><sn>Laan</sn></au>
  </author>
  <published volume='9' year='1992' pages='115-129' size='133'>
    <journal>MAPS</journal>
  </published>
  <keywords>
    <key>tables</key>
    <key>bordered table</key>
    <key>plain &tex;</key>
  </keywords>
  <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<tt>\btable</tt>, with auxiliaries, is included.
    </abstract>
</bibentry>

<bibentry type='article' id='9-27' language='EN'>
  <title>Syntactic Sugar</title>
  <author>
    <au index='laanvanderc'><fn>Kees</fn><prf>van der</prf><sn>Laan</sn></au>
  </author>
  <published volume='9' year='1992' pages='130-136' size='101'>
    <journal>MAPS</journal>
  </published>
  <keywords>
    <key>array addressing</key>
    <key>loops</key>
    <key>parameters</key>
    <key>linear search</key>
    <key>sorting</key>
    <key>switch</key>
    <key>plain &tex;</key>
  </keywords>
  <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 typ-
  ist. This will facilitate the process to get (complex) publications out effectively, and typographically
  of high-quality.
  </abstract>
</bibentry>

<bibentry type='article' id='9-28' language='EN'>
  <title>Heap Sort in &tex;</title>
  <author>
    <au index='laanvanderc'><fn>Kees</fn><prf>van der</prf><sn>Laan</sn></au>
  </author>
  <published volume='9' year='1992' pages='137-138' size='40'>
    <journal>MAPS</journal>
  </published>
  <keywords>
    <key>heap sort</key>
    <key>plain &tex;</key>
  </keywords>
  <abstract>
  Sorting in plain &tex; is implemented via heap sort. The heap sort algorithm is explained and the encoding
  given.
  </abstract>
</bibentry>

<bibentry type='article' id='9-29' language='EN'>
  <title>FIFO and LIFO sing the BLUes</title>
  <author>
    <au index='laanvanderc'><fn>Kees</fn><prf>van der</prf><sn>Laan</sn></au>
  </author>
  <published volume='9' year='1992' pages='139-144' size='89'>
    <journal>MAPS</journal>
  </published>
  <keywords>
    <key>FIFO</key>
    <key>LIFO</key>
    <key>BLUe</key>
    <key>plain &tex;</key>
  </keywords>
  <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<tt>\dolist</tt>, answer ex11.5,
  and<tt>\ctest</tt>, p.376, is given.
  </abstract>
</bibentry>

<bibentry type='article' id='9-30' language='EN'>
  <title>Typesetting Crosswords via &tex;, revisited</title>
  <author>
    <au index='laanvanderc'><fn>Kees</fn><prf>van der</prf><sn>Laan</sn></au>
  </author>
  <published volume='9' year='1992' pages='145-146' size='43'>
    <journal>MAPS</journal>
  </published>
  <keywords>
    <key>crosswords</key>
  </keywords>
  <abstract>
  An alternative macro, to van der Laan (1992b), is provided for typesetting crosswords via &tex;.
  </abstract>
</bibentry>

<bibentry type='article' id='9-31' language='EN'>
  <title>Scientific Word; &tex; &agrave; la WYSIWYG</title>
  <author>
    <au index='krugersj'><fn>Jan</fn><sn>Krugers</sn></au>
  </author>
  <published volume='9' year='1992' pages='147-154' size='244'>
    <journal>MAPS</journal>
  </published>
  <keywords>
    <key>Scientific Word</key>
    <key>WYSIWYG</key>
    <key>Windows</key>
    <key>OS2WIN</key>
  </keywords>
  <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. Mathemat-
  ical formulas are immediately shown the way they will be printed. Line width for text is limited to the
  width of the windowfor ease of use. The built in previewer from Turbo&tex; shows the whole document lay-
  out. 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.
  </abstract>
</bibentry>

<bibentry type='article' id='9-32' language='EN'>
  <title>Bugs (sigh) in Knuths 'Computers &amp; Typesetting'</title>
  <author>
    <au index='nesgvan'><fn>Gerard</fn><prf>van</prf><sn>Nes</sn></au>
  </author>
  <published volume='9' year='1992' pages='155-157' size='38'>
    <journal>MAPS</journal>
  </published>
  <keywords>
    <key>bugs</key>
    <key>Knuth</key>
    <key>Computers &amp; Typesetting</key>
  </keywords>
  <abstract>
  In may/june this year a discussion started on the &tex;-NL listserver (by Kees van der Laan and Nico Pop-
  pelier) 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 an-
  swer is included in next section.
  </abstract>
</bibentry>
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<bibentry type='article' id='9-33' language='EN'>
  <title>&latex;3; Call for Volunteers</title>
  <author>
    <au index='downesm'><fn>Michael</fn><sn>Downes</sn></au>
  </author>
  <published volume='9' year='1992' pages='158' size='17'>
    <journal>MAPS</journal>
  </published>
  <keywords>
    <key>&latex;3</key>
    <key>volunteers</key>
  </keywords>
  <abstract>
  This is a call for volunteers to help in the development of &latex;3. There are many tasks needing to be
  done in support of the &latex;3 project which can be worked on concurrently with the development of the
  &latex;3 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 &latex;3. Many of these features can be extensively
  developed and tested under &latex; 2.09 even before the &latex;3 kernel is available.
  </abstract>
</bibentry>

<bibentry type='article' id='9-34' language='NL'>
  <title>Euro&tex;'92 proceedings</title>
  <author>
    <au index='zlatuskaj'><fn>Ji&rcaron;&iacute;</fn><sn>Zlatu&scaron;ka</sn></au>
  </author>
  <published volume='9' year='1992' pages='159' size='16'>
    <journal>MAPS</journal>
  </published>
  <keywords>
    <key>Euro&tex;</key>
    <key>proceedings</key>
    <key>Prague</key>
  </keywords>
  <abstract>
  Euro&tex; '92 proceedings volume contains 330 pages of papers presented at the last European &tex; Con-
  ference 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.--.
  </abstract>
</bibentry>

<bibentry type='article' id='9-35' language='NL'>
  <title>TUG '93; Call for Papers</title>
  <published volume='9' year='1992' pages='160' size='56'>
    <journal>MAPS</journal>
  </published>
  <keywords>
    <key>TUG conference</key>
    <key>call for papers</key>
  </keywords>
  <abstract>
  Call for papers for TUG'93 meeting.
  </abstract>
</bibentry>

<bibentry type='message' id='9-36' language='NL'>
  <title>Table of Contents TUGboat</title>
  <published volume='9' year='1992' pages='161-162' size='24'>
    <journal>MAPS</journal>
  </published>
  <keywords>
    <key>TUGboat</key>
    <key>contents</key>
  </keywords>
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    <abstract>
    Table of contents of TUGboat Volume 13.2 and 13.3.
    </abstract>
</bibentry>

<bibentry type='book' id='maps10' language='NL/EN'>
    <title>MAPS 93.1</title>
    <editor index='nesgvan'><fn>Gerard</fn><prf>van</prf><sn>Nes</sn></editor>
    <published volume='10' year='1993' pages='1-218' size='3082'>
        <series>MAPS</series>
        <publisher>NTG</publisher>
    </published>
    <keywords>
        <key>NTG</key>
        <key>MAPS</key>
        <key>Minutes &amp; Appendices</key>
    </keywords>
    <abstract>
    NTG's magazine
    </abstract>
</bibentry>

<bibentry type='verslag' id='10-1' language='NL'>
    <title>Verslag (1993)</title>
    <author>
        <au index='nesgvan'><fn>Gerard</fn><prf>van</prf><sn>Nes</sn></au>
        <au index='winninkj'><fn>Jos</fn><sn>Winnink</sn></au>
    </author>
    <published volume='10' year='1993' pages='1-4' size='49'>
        <journal>MAPS</journal>
    </published>
    <keywords>
        <key>report</key>
        <key>members meeting</key>
    </keywords>
    <abstract>
    Opening; Verslag bijeenkomst 4 juni 1992; Ingekomen stukken en Mededelingen; NTG presentaties: 'The fu-
    ture of &tex;/&latex;'; Rondvraag en Sluiting.
    </abstract>
</bibentry>

<bibentry type='message' id='10-2' language='NL'>
    <title>&tex; kalender, Glossary &amp; Mededelingen</title>
    <published volume='10' year='1993' pages='5-6' size='23'>
        <journal>MAPS</journal>
    </published>
    <keywords>
        <key>calendar</key>
        <key>glossary</key>
        <key>announcement</key>
    </keywords>
</bibentry>

<bibentry type='message' id='10-3' language='NL'>
    <title>Van uw MAPS Editor; '5 jaar MAPS'</title>
    <author>
        <au index='nesgvan'><fn>Gerard</fn><prf>van</prf><sn>Nes</sn></au>
    </author>
    <published volume='10' year='1993' pages='7-10' size='60'>
        <journal>MAPS</journal>
    </published>
    <keywords>
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        <key>MAPS</key>
        <key>NTG</key>
    </keywords>
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<bibentry type='message' id='10-4' language='NL'>
   <title>Van de Voorzitter (1993/1)</title>
   <author>
     <au index='laanvanderc'><fn>Kees</fn><prf>van der</prf><sn>Laan</sn></au>
   </author>
   <published volume='10' year='1993' pages='11-14' size='55'>
     <journal>MAPS</journal>
   </published>
   <keywords>
     <key>chairman</key>
   </keywords>
</bibentry>

<bibentry type='message' id='10-5' language='NL'>
   <title>Jaarverslag NTG 1992</title>
   <author>
     <au index='nesgvan'><fn>Gerard</fn><prf>van</prf><sn>Nes</sn></au>
   </author>
   <published volume='10' year='1993' pages='15-17' size='29'>
     <journal>MAPS</journal>
   </published>
   <keywords>
     <key>report NTG</key>
   </keywords>
   <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 cur-
   susmateriaal als MAPS-Special). Er verschenen wederom een tweetal MAPS uitgaven (Minutes &amp; APpen-
   diceS). Medewerking werd tevens verleend aan het &latex;3 projekt.<br/> 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.
   </abstract>
</bibentry>

<bibentry type='message' id='10-6' language='NL'>
   <title>Financieel verslag NTG 1992</title>
   <author>
     <au index='braamsj'><fn>Johannes</fn><sn>Braams</sn></au>
   </author>
   <published volume='10' year='1993' pages='18-19' size='24'>
     <journal>MAPS</journal>
   </published>
   <keywords>
     <key>financial report</key>
   </keywords>
</bibentry>

<bibentry type='message' id='10-7' language='NL'>
   <title>NTG's Listserver &tex;-NL</title>
   <published volume='10' year='1993' pages='20-22' size='19'>
     <journal>MAPS</journal>
   </published>
   <keywords>
     <key>listserver</key>
     <key>TEX-NL</key>
   </keywords>
   <abstract>
   Overzicht gebruikers listserver.
   </abstract>
</bibentry>

<bibentry type='message' id='10-8' language='NL'>
   <title>NTG's Fileserver &tex;-NL</title>
   <published volume='10' year='1993' pages='23-30' size='40'>
     <journal>MAPS</journal>
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    </published>
    <keywords>
      <key>fileserver</key>
    </keywords>
    <abstract>
    Overzicht inhoud NTG fileserver.
    </abstract>
</bibentry>

<bibentry type='message' id='10-9' language='NL'>
    <title>NTG's Bulletin Board FGBBS</title>
    <author>
      <au index='goddijnf'><fn>Frans</fn><sn>Goddijn</sn></au>
    </author>
    <published volume='10' year='1993' pages='31-36' size='58'>
      <journal>MAPS</journal>
    </published>
    <keywords>
      <key>BBS</key>
      <key>bulletin board</key>
      <key>FGBBS</key>
    </keywords>
    <abstract>
    Nieuw voor de Nederlandstalige &tex; Gebruikersgroep: een &tex; Bulletin Board speciaal voor diege-
    nen die niet op het Internet zijn aangesloten. De naam: FGBBS. Op FGBBS is sinds kort een zo volledig en
    actueel mogelijke &tex;, em&tex;, &latex; en Music&tex; collectie beschikbaar voor alle bezitters van een
    modem. Het BBS is kosteloos toegankelijk voor iedereen en er zijn geen beperkingen aan de hoeveelheid be-
    standen 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.
    </abstract>
</bibentry>

<bibentry type='article' id='10-10' language='EN'>
    <title>A Catalogue of &tex; Macros</title>
    <author>
      <au index='jonesd'><fn>David</fn><sn>Jones</sn></au>
    </author>
    <published volume='10' year='1993' pages='37-40' size='39'>
      <journal>MAPS</journal>
    </published>
    <keywords>
      <key>&tex;</key>
      <key>&latex;</key>
      <key>AMS&tex;</key>
      <key>AMS&latex;</key>
      <key>macros</key>
      <key>index</key>
    </keywords>
    <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.
    </abstract>
</bibentry>

<bibentry type='article' id='10-11' language='EN'>
    <title>A way to ensure the future of &tex;: make its use easier on low-cost machines</title>
    <author>
      <au index='lavaudm'><fn>Michel</fn><sn>Lavaud</sn></au>
    </author>
    <published volume='10' year='1993' pages='41-52' size='436'>
      <journal>MAPS</journal>
    </published>
    <keywords>
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      <key>front-end</key>
      <key>scientific publishing</key>
      <key>As&tex;</key>
      <key>hyper&tex;</key>
      <key>tree</key>
      <key>link</key>
      <key>multi-author document</key>
      <key>file manager</key>
      <key>numerical computation</key>
      <key>formal computation</key>
      <key>worksheet</key>
      <key>databases</key>
      <key>email</key>
      <key>MS-DOS</key>
      <key>notebook</key>
      <key>OS/2</key>
    </keywords>
    <abstract>
    The PC is the cheapest computer and the most widespread one in the scientific community. Faced with com-
    mercial 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, As&tex;, 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 automat-
    ically the results, to create &latex; tables from worksheets or databases of formulas. It processes elec-
    tronic mail and files sent by list servers for a better use of information and eases considerably the use
    of anonymous ftp and archie servers by local archiving of selected informations.
    </abstract>
</bibentry>

<bibentry type='article' id='10-12' language='EN'>
  <title>4&tex;: a &tex; Workbench for MS-DOS PC's</title>
  <author>
    <au index='dolw'><fn>Wietse</fn><sn>Dol</sn></au>
    <au index='frambache'><fn>Erik</fn><sn>Frambach</sn></au>
    <au index='vlerkmvander'><fn>Maarten</fn><prf>van der</prf><sn>Vlerk</sn></au>
  </author>
  <published volume='10' year='1993' pages='53-56' size='58'>
    <journal>MAPS</journal>
  </published>
  <keywords>
    <key index="fourtex">4&tex;</key>
    <key>workbench</key>
    <key>PC</key>
    <key>MS-DOS</key>
    <key>freeware</key>
    <key>shareware</key>
  </keywords>
  <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 de-
  tailed knowledge of all related programs to fully exploit the possibilities. The MS-DOS program 4&tex; 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.
  </abstract>
</bibentry>

<bibentry type='article' id='10-13' language='NL'>
  <title>&tex; zonder omhaal; voor Atari ST en andere PC's (I)</title>
  <author>
    <au index='bestr'><fn>Robert</fn><sn>Best</sn></au>
  </author>
  <published volume='10' year='1993' pages='57-68' size='196'>
    <journal>MAPS</journal>
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    </published>
    <keywords>
      <key>Atari</key>
      <key>PD-&tex;</key>
    </keywords>
    <abstract>
    Deze cursus is bedoeld als eerste kennismaking met &tex; op een eenvoudige PC. Een harde schijf is ni-
    et 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 schi-
    jfjes te verkrijgen.
    </abstract>
</bibentry>

<bibentry type='article' id='10-14' language='NL'>
    <title>Gezeefd uit de &tex;-NL discussielijst (1993/1)</title>
    <author>
      <au index='vanoverbekep'><fn>Philippe</fn><sn>Vanoverbeke</sn></au>
    </author>
    <published volume='10' year='1993' pages='69-72' size='37'>
      <journal>MAPS</journal>
    </published>
    <keywords>
      <key>TEX-NL</key>
      <key>discussionlist</key>
    </keywords>
    <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.
    </abstract>
</bibentry>

<bibentry type='article' id='10-15' language='NL'>
    <title>arm&tex;, een port van &tex; voor de Archimedes</title>
    <author>
      <au index='sinkem'><fn>Mark</fn><sn>Sinke</sn></au>
    </author>
    <published volume='10' year='1993' pages='73' size='16'>
      <journal>MAPS</journal>
    </published>
    <keywords>
      <key>arm&tex;</key>
      <key>Acorn</key>
      <key>Archimedes</key>
      <key>port</key>
    </keywords>
    <abstract>
    In dit artikeltje zal ik vertellen wat arm&tex; 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.
    </abstract>
</bibentry>

<bibentry type='article' id='10-16' language='NL'>
    <title>Het gebruik van MathTime in &latex;</title>
    <author>
      <au index='tutelaersp'><fn>Piet</fn><sn>Tutelaers</sn></au>
    </author>
    <published volume='10' year='1993' pages='74-76' size='106'>
      <journal>MAPS</journal>
    </published>
    <keywords>
      <key>MathTime</key>
      <key>&latex;</key>
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    </keywords>
</bibentry>

<bibentry type='article' id='10-17' language='EN'>
  <title>The Future of &tex;</title>
  <author>
    <au index='taylorp'><fn>Philip</fn><sn>Taylor</sn></au>
  </author>
  <published volume='10' year='1993' pages='77-85' size='126'>
    <journal>MAPS</journal>
  </published>
  <keywords>
    <key>extended &tex;</key>
    <key>NTS</key>
    <key>New Typesetting System</key>
  </keywords>
  <abstract>
  &tex; and the other members of Knuth's Computers &amp; Typesetting family are arguably amongst the most
  successful examples of computer software in the world, having been ported to almost every conceivable op-
  erating system and attracting an allegiance that verges on the fanatical. Development work on this fami-
  ly 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 develop-
  ment 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 arti-
  ficial constraints placed on their evolution.
  </abstract>
</bibentry>

<bibentry type='article' id='10-18' language='EN'>
  <title>E-&tex;: Guidelines for Future &tex; extensions</title>
  <author>
    <au index='mittelbachf'><fn>Frank</fn><sn>Mittelbach</sn></au>
  </author>
  <published volume='10' year='1993' pages='86-94' size='256'>
    <journal>MAPS</journal>
  </published>
  <keywords>
    <key>e-&tex;</key>
    <key>guidelines</key>
    <key>extensions</key>
  </keywords>
  <abstract>
  With the announcement of &tex; 3.0, Don Knuth acknowledged the need of the (ever growing) &tex; communi-
  ty 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 &tex;book. &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.
  </abstract>
</bibentry>

<bibentry type='article' id='10-19' language='EN'>
  <title>The &latex;3 Project</title>
  <author>
    <au index='mittelbachf'><fn>Frank</fn><sn>Mittelbach</sn></au>
    <au index='rowleyc'><fn>Chris</fn><sn>Rowley</sn></au>
  </author>
  <published volume='10' year='1993' pages='95-100' size='61'>
    <journal>MAPS</journal>
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      </published>
      <keywords>
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      </keywords>
      <abstract>
      This is a brief sketch of the &latex;3 Project: background, history, principles, aims and functionali-
      ty. The new version of &latex; is, like the current version, a freely available system for automated pro-
      cessing 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 ver-
      sion. It is being produced by an international group of volunteers under the technical direction of Frank
      Mittelbach.
      </abstract>
</bibentry>

<bibentry type='article' id='10-20' language='NL'>
      <title>PostScript en &latex;, de komplementariteit in praktijk</title>
      <author>
        <au index='goossensm'><fn>Michel</fn><sn>Goossens</sn></au>
      </author>
      <published volume='10' year='1993' pages='101-113' size='225'>
        <journal>MAPS</journal>
      </published>
      <keywords>
        <key>PostScript</key>
        <key>&latex;</key>
        <key>epsfig</key>
        <key>NFSS</key>
      </keywords>
      <abstract>
      In dit artikel toon ik aan hoe PostScript en &latex; een hoge graad van samenhorigheid bezitten, die het
      mogelijk maakt om de voordelen van beide systemen te kombineren om dokumenten 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 effekt 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 stijlbe-
      standen, die bepaalde nuttige visuele effekten genereren, zoals grijze raampjes, kleurentypografie en
      het overdrukken van tekst. In het laatste gedeelte toon ik hoe eenvoudig het is om PostScript fonts te ge-
      bruiken in &latex; met het nieuwe fontselektie systeem (NFSS) van Frank Mittelbach.
      </abstract>
</bibentry>

<bibentry type='article' id='10-21' language='EN'>
      <title>Virtual Fonts: Great Fun, Not for Wizards Only</title>
      <author>
        <au index='haralambousy'><fn>Yannis</fn><sn>Haralambous</sn></au>
      </author>
      <published volume='10' year='1993' pages='114-119' size='122'>
        <journal>MAPS</journal>
      </published>
      <keywords>
        <key>virtual fonts</key>
      </keywords>
      <abstract>
      This paper deals with virtual fonts. I would like to present some examples of their astonishing possibil-
      ities, taken from everyday typesetting (or almost).
      </abstract>
</bibentry>

<bibentry type='article' id='10-22' language='EN'>
      <title>The Birth of a Virtual Font; The AdjKerns Utility</title>
      <author>
        <au index='haralambousy'><fn>Yannis</fn><sn>Haralambous</sn></au>
      </author>
      <published volume='10' year='1993' pages='120-123' size='41'>
        <journal>MAPS</journal>
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    </published>
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      <key>AdjKerns</key>
    </keywords>
</bibentry>

<bibentry type='article' id='10-23' language='EN'>
    <title>When &tex; and METAFONT Work Together</title>
    <author>
      <au index='hoeniga'><fn>Alan</fn><sn>Hoenig</sn></au>
    </author>
    <published volume='10' year='1993' pages='124-139' size='279'>
      <journal>MAPS</journal>
    </published>
    <keywords>
      <key>METAFONT</key>
      <key>labelling figures</key>
      <key>figures with labels</key>
      <key>curvilinear</key>
    </keywords>
    <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 pre-
    sented.
    </abstract>
</bibentry>

<bibentry type='article' id='10-24' language='NL'>
    <title>Getallen</title>
    <author>
      <au index='leeuwenvand'><fn>David</fn><prf>van</prf><sn>Leeuwen</sn></au>
    </author>
    <published volume='10' year='1993' pages='140-141' size='25'>
      <journal>MAPS</journal>
    </published>
    <keywords>
      <key>numbers</key>
    </keywords>
</bibentry>

<bibentry type='article' id='10-25' language='EN'>
    <title>International quotations</title>
    <author>
      <au index='braamsj'><fn>Johannes</fn><sn>Braams</sn></au>
    </author>
    <published volume='10' year='1993' pages='142-144' size='28'>
      <journal>MAPS</journal>
    </published>
    <keywords>
      <key>quotation marks</key>
    </keywords>
    <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;.
    </abstract>
</bibentry>

<bibentry type='article' id='10-26' language='EN'>
    <title>Typesetting number sequences; FIFO and some more</title>
    <author>
      <au index='laanvanderc'><fn>Kees</fn><prf>van der</prf><sn>Laan</sn></au>
```

```
    </author>
    <published volume='10' year='1993' pages='145-148' size='68'>
      <journal>MAPS</journal>
    </published>
    <keywords>
      <key>typesetting sequences</key>
      <key>citation lists</key>
      <key>lists of references</key>
      <key>linear sorting</key>
      <key>FIFO</key>
      <key>plain &tex;</key>
    </keywords>
    <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(n2). 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;.
    </abstract>
</bibentry>

<bibentry type='article' id='10-27' language='EN'>
    <title>Sorting in BLUe</title>
    <author>
      <au index='laanvanderc'><fn>Kees</fn><prf>van der</prf><sn>Laan</sn></au>
    </author>
    <published volume='10' year='1993' pages='149-170' size='259'>
      <journal>MAPS</journal>
    </published>
    <keywords>
      <key>sorting</key>
      <key>index preparation</key>
      <key>database handling</key>
      <key>multiple sorting keys</key>
    </keywords>
    <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. Ap-
    plications 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<tt>\cmp</tt>.
    </abstract>
</bibentry>

<bibentry type='article' id='10-28' language='EN'>
    <title>Manmac BLUes; or how to typeset a book via &tex;</title>
    <author>
      <au index='laanvanderc'><fn>Kees</fn><prf>van der</prf><sn>Laan</sn></au>
    </author>
    <published volume='10' year='1993' pages='171-191' size='227'>
      <journal>MAPS</journal>
    </published>
    <keywords>
      <key>computer-assisted typography</key>
      <key>manmac</key>
      <key>style</key>
      <key>customizing</key>
      <key>index preparation</key>
      <key>plain &tex;</key>
      <key>fonts</key>
    </keywords>
    <abstract>
    The manmac macros are enumerated. A user's guide is provided, and the encodings are explained. As en-
    hancements the writing of index reminders to the file index.&tex; is elaborated upon, and how to incor-
    porate 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.
    </abstract>
</bibentry>

<bibentry type='article' id='10-29' language='EN'>
    <title>AMS BLUes; professionals at work</title>
    <author>
       <au index='laanvanderc'><fn>Kees</fn><prf>van der</prf><sn>Laan</sn></au>
    </author>
    <published volume='10' year='1993' pages='192-212' size='234'>
       <journal>MAPS</journal>
    </published>
    <keywords>
       <key>computer-assisted typography</key>
       <key>math</key>
       <key>bibliography</key>
       <key>markup</key>
       <key>AMS&tex;</key>
       <key>math fonts</key>
       <key>cyrillics</key>
       <key>plain &tex;</key>
    </keywords>
    <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 amsppt.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.
    </abstract>
</bibentry>

<bibentry type='article' id='10-30' language='EN'>
    <title>The 14th Annual &tex; Users Group Meeting</title>
    <author>
       <au index='rahtzs'><fn>Sebastian</fn><sn>Rahtz</sn></au>
    </author>
    <published volume='10' year='1993' pages='213-216' size='53'>
       <journal>MAPS</journal>
    </published>
    <keywords>
       <key>TUG conference</key>
       <key>Aston</key>
    </keywords>
    <abstract>
    'A World-Wide Window on &tex;'
    </abstract>
</bibentry>

<bibentry type='message' id='10-31' language='NL'>
    <title>Table of Contents TUGboat</title>
    <published volume='10' year='1993' pages='217-218' size='19'>
       <journal>MAPS</journal>
    </published>
    <keywords>
       <key>TUGboat</key>
       <key>contents</key>
    </keywords>
    <abstract>
    Table of contents of TUGboat Volume 13.4.
    </abstract>
</bibentry>
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<bibentry type='book' id='maps11' language='NL/EN'>
  <title>MAPS 93.2</title>
  <editor index='nesgvan'><fn>Gerard</fn><prf>van</prf><sn>Nes</sn></editor>
  <published volume='11' year='1993' pages='1-227' size='2629'>
    <series>MAPS</series>
    <publisher>NTG</publisher>
  </published>
  <keywords>
    <key>NTG</key>
    <key>MAPS</key>
    <key>Minutes &amp; Appendices</key>
  </keywords>
  <abstract>
  NTG's magazine
  </abstract>
</bibentry>

<bibentry type='verslag' id='11-1' language='NL'>
  <title>Opening 11e NTG bijeenkomst 10 juni 1993</title>
  <author>
    <au index='winninkj'><fn>Jos</fn><sn>Winnink</sn></au>
  </author>
  <published volume='11' year='1993' pages='1-6' size='88'>
    <journal>MAPS</journal>
  </published>
  <keywords>
    <key>report</key>
    <key>members meeting</key>
  </keywords>
  <abstract>
  Verslag bijeenkomst 19 november 1992; Ingekomen stukken en Mededelingen; NTG-jaarvergadering; Rondvraag
  en Sluiting; Voordrachten: 'Van font tot boek'; Volgende bijeenkomsten
  </abstract>
</bibentry>

<bibentry type='message' id='11-2' language='NL'>
  <title>Het weten waard</title>
  <published volume='11' year='1993' pages='7-8' size='35'>
    <journal>MAPS</journal>
  </published>
</bibentry>

<bibentry type='message' id='11-3' language='NL'>
  <title>Van de Voorzitter (1993/2)</title>
  <author>
    <au index='laanvanderc'><fn>Kees</fn><prf>van der</prf><sn>Laan</sn></au>
  </author>
  <published volume='11' year='1993' pages='9-10' size='23'>
    <journal>MAPS</journal>
  </published>
  <keywords>
    <key>chairman</key>
  </keywords>
</bibentry>

<bibentry type='message' id='11-4' language='NL'>
  <title>Van uw MAPS Editor (1993)</title>
  <author>
    <au index='nesgvan'><fn>Gerard</fn><prf>van</prf><sn>Nes</sn></au>
  </author>
  <published volume='11' year='1993' pages='11' size='22'>
    <journal>MAPS</journal>
  </published>
</bibentry>

<bibentry type='message' id='11-5' language='NL'>
  <title>Concept begroting 1994</title>
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    <author>
      <au index='braamsj'><fn>Johannes</fn><sn>Braams</sn></au>
    </author>
    <published volume='11' year='1993' pages='12-13' size='17'>
      <journal>MAPS</journal>
    </published>
    <keywords>
      <key>budget</key>
    </keywords>
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<bibentry type='message' id='11-6' language='NL'>
    <title>NTG's Listserver &tex;-NL</title>
    <published volume='11' year='1993' pages='14-16' size='30'>
      <journal>MAPS</journal>
    </published>
    <keywords>
      <key>listserver</key>
      <key>TEX-NL</key>
    </keywords>
    <abstract>
    Overzicht gebruikers listserver.
    </abstract>
</bibentry>

<bibentry type='message' id='11-7' language='NL'>
    <title>NTG's Fileserver &tex;-NL</title>
    <published volume='11' year='1993' pages='17-23' size='45'>
      <journal>MAPS</journal>
    </published>
    <keywords>
      <key>fileserver</key>
    </keywords>
    <abstract>
    Overzicht inhoud NTG fileserver.
    </abstract>
</bibentry>

<bibentry type='message' id='11-8' language='NL'>
    <title>&tex;-NL archief</title>
    <author>
      <au index='weerdenjvan'><fn>Jules</fn><prf>van</prf><sn>Weerden</sn></au>
    </author>
    <published volume='11' year='1993' pages='24' size='23'>
      <journal>MAPS</journal>
    </published>
    <keywords>
      <key>TEX-NL</key>
    </keywords>
    <abstract>
    Deze bijdrage beschrijft de sinds kort aanwezige beschikbaarheid van het &tex;-NL archief op het inter-
    net. Zowel inzage is mogelijk in een subject-lijst als in de &tex;-NL e-mails zelf.
    </abstract>
</bibentry>

<bibentry type='message' id='11-9' language='EN'>
    <title>INFO-&tex;</title>
    <author>
      <au index='greenwadeg'><fn>George</fn><sn>Greenwade</sn></au>
    </author>
    <published volume='11' year='1993' pages='25-27' size='39'>
      <journal>MAPS</journal>
    </published>
    <abstract>
    This article is a adaption of the message send to new users on the INFO-&tex; distribution list. It de-
    scribes some additional features of the LISTSERV (including some other mailing lists) and the additional
    FILESERV facillity.
```

```xml
    </abstract>
  </bibentry>

  <bibentry type='article' id='11-10' language='NL'>
    <title>FGBBS zes maanden later</title>
    <author>
      <au index='goddijnf'><fn>Frans</fn><sn>Goddijn</sn></au>
      <au index='haandeh'><fn>Henk</fn><prf>de</prf><sn>Haan</sn></au>
    </author>
    <published volume='11' year='1993' pages='28-35' size='82'>
      <journal>MAPS</journal>
    </published>
    <keywords>
      <key>FGBBS</key>
      <key>bulletin board</key>
      <key>LittleComm</key>
      <key>Silver Express</key>
      <key>offline reading</key>
      <key>Fidonet</key>
      <key>internet</key>
    </keywords>
    <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 be-
    zoekers een mogelijkheid geschapen om zowel in fidonet als Internet berichten te lezen en te schrijven.
    Ook een systeem voor offline reading werd aangelegd.
    </abstract>
  </bibentry>

  <bibentry type='article' id='11-11' language='NL'>
    <title>Spoorboekje voor het inloggen op FGBBS met LittleComm</title>
    <author>
      <au index='timmermanj'><fn>John</fn><sn>Timmerman</sn></au>
    </author>
    <published volume='11' year='1993' pages='36-40' size='52'>
      <journal>MAPS</journal>
    </published>
    <keywords>
      <key>FGBBS</key>
      <key>LittleComm</key>
      <key>datacommunicatie</key>
    </keywords>
    <abstract>
    Zoals uit het kopje al blijkt, ga ik er hier vanuit dat je nog niet veel ervaring hebt met datacommuni-
    catie, en dat je hebt gekozen voor het gebruik van LittleComm. LittleCommspoort je vlug, veilig en vo-
    ordelig door het fascinerende land van de datacommunicatie. door hem gebruikte setup.
    </abstract>
  </bibentry>

  <bibentry type='message' id='11-12' language='EN'>
    <title>Greetings from TUG</title>
    <author>
      <au index='thielec'><fn>Christina</fn><sn>Thiele</sn></au>
    </author>
    <published volume='11' year='1993' pages='41-42' size='23'>
      <journal>MAPS</journal>
    </published>
  </bibentry>

  <bibentry type='article' id='11-13' language='EN'>
    <title>NTG's Lustrum</title>
    <author>
      <au index='laanvanderc'><fn>Kees</fn><prf>van der</prf><sn>Laan</sn></au>
    </author>
    <published volume='11' year='1993' pages='43-51' size='122'>
      <journal>MAPS</journal>
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      </published>
    <keywords>
      <key index='fourtex'>4&tex;</key>
      <key>BBS</key>
      <key>cooperation NLUUG</key>
      <key>cooperation CyrTUG</key>
    </keywords>
    <abstract>
    NTG's youth in &context; is depicted, with a wink to the future.
    </abstract>
</bibentry>

<bibentry type='article' id='11-14' language='NL'>
    <title>Ik ben een leek en vrij van pijnlijk weten</title>
    <author>
      <au index='krimpenhvan'><fn>Huib</fn><prf>van</prf><sn>Krimpen</sn></au>
    </author>
    <published volume='11' year='1993' pages='52-56' size='58'>
      <journal>MAPS</journal>
    </published>
</bibentry>

<bibentry type='article' id='11-15' language='EN'>
    <title>TUG '93</title>
    <author>
      <au index='laanvanderc'><fn>Kees</fn><prf>van der</prf><sn>Laan</sn></au>
    </author>
    <published volume='11' year='1993' pages='57-59' size='47'>
      <journal>MAPS</journal>
    </published>
    <keywords>
      <key>&latex; companion</key>
      <key>&latex;2.09</key>
      <key>NTS</key>
      <key>outline fonts</key>
      <key>PDF</key>
      <key>CTAN</key>
      <key>TUG conference</key>
      <key>Aston</key>
    </keywords>
    <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.
    </abstract>
</bibentry>

<bibentry type='article' id='11-16' language='EN'>
    <title>TUG Board of Directors</title>
    <author>
      <au index='laanvanderc'><fn>Kees</fn><prf>van der</prf><sn>Laan</sn></au>
    </author>
    <published volume='11' year='1993' pages='60-61' size='34'>
      <journal>MAPS</journal>
    </published>
    <keywords>
      <key>board-of-directors</key>
      <key>conference planning</key>
      <key>long-range planning</key>
      <key>public relations</key>
      <key>&tex;nical council</key>
      <key>exchange of TUGboat and bulletins of LUGs</key>
    </keywords>
    <abstract>
    The following are the loosely formulated issues as perceived by me. For more preciseness the reader is re-
    ferred to the (approved) minutes.
    </abstract>
```

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<bibentry type='article' id='11-17' language='EN'>
  <title>CyrTUG '93 and some more</title>
  <author>
    <au index='laanvanderc'><fn>Kees</fn><prf>van der</prf><sn>Laan</sn></au>
  </author>
  <published volume='11' year='1993' pages='62-66' size='149'>
    <journal>MAPS</journal>
  </published>
  <keywords>
    <key>CyrTUG</key>
    <key>conference</key>
    <key>cyrillics</key>
    <key>MIR publishers</key>
  </keywords>
  <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.
  </abstract>
</bibentry>

<bibentry type='article' id='11-18' language='EN'>
  <title>What is &tex; and METAFONT all about?</title>
  <author>
    <au index='laanvanderc'><fn>Kees</fn><prf>van der</prf><sn>Laan</sn></au>
  </author>
  <published volume='11' year='1993' pages='67-87' size='273'>
    <journal>MAPS</journal>
  </published>
  <keywords>
    <key>AMS&tex;</key>
    <key>electronic publishing</key>
    <key>&latex;</key>
    <key>METAFONT</key>
    <key>EPS</key>
    <key>SGML</key>
    <key>hyper&tex;</key>
  </keywords>
  <abstract>
  A survey of &tex;, its flavours, and its twin sister METAFONT, within the context of Electronic Publish-
  ing, is given.
  </abstract>
</bibentry>

<bibentry type='article' id='11-19' language='NL'>
  <title>Gebruik en Management van &tex; in een Unix omgeving</title>
  <author>
    <au index='oostrumvanp'><fn>Piet</fn><prf>van</prf><sn>Oostrum</sn></au>
  </author>
  <published volume='11' year='1993' pages='88-102' size='177'>
    <journal>MAPS</journal>
  </published>
  <abstract>
  Een &tex; systeem op een Unix systeem omhelst tegenwoordig veel meer dan alleen het gelijknamige program-
  ma. Een goed ge&iuml;ntegreerde 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.
  </abstract>
</bibentry>

<bibentry type='article' id='11-20' language='EN'>
  <title>METAFONT for Beginners</title>
  <author>
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    <au index='tobing'><fn>Geoffrey</fn><sn>Tobin</sn></au>
  </author>
  <published volume='11' year='1993' pages='103-110' size='89'>
    <journal>MAPS</journal>
  </published>
  <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.
  </abstract>
</bibentry>

<bibentry type='article' id='11-21' language='NL'>
  <title>&tex; zonder omhaal; voor Atari ST en andere PC's (II)</title>
  <author>
    <au index='bestr'><fn>Robert</fn><sn>Best</sn></au>
  </author>
  <published volume='11' year='1993' pages='111-114' size='64'>
    <journal>MAPS</journal>
  </published>
  <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 INI&tex; en INIMF. In deze bijdrage vervolgen we met hoofdstuk 6: het maken van een mooie brief, ni-
  et via 'boxen' in &tex; maar m.b.v. &latex;. In hoofdstuk 7 bekijken we de 'artikel-stijl', waarschijn-
  lijk de meest gebruikte vorm van &tex;. Dat leidt tot een vergelijking van &tex; en &latex;. En tot een
  alternatief: &tex;sis. 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.
  </abstract>
</bibentry>

<bibentry type='article' id='11-22' language='EN'>
  <title>Frequently Asked Questions (II)</title>
  <author>
    <au index='bodenheimerb'><fn>Bobby</fn><sn>Bodenheimer</sn></au>
  </author>
  <published volume='11' year='1993' pages='115-125' size='134'>
    <journal>MAPS</journal>
  </published>
  <keywords>
    <key>FAQ</key>
    <key>frequently asked questions</key>
    <key>comp.text.tex</key>
  </keywords>
  <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 con-
  taining other information and software relevant to &tex; users but beyond the scope of this article.
  </abstract>
</bibentry>

<bibentry type='article' id='11-23' language='EN'>
  <title>Frequently Asked Questions about em&tex;</title>
  <author>
    <au index='mattese'><fn>Eberhard</fn><sn>Mattes</sn></au>
  </author>
  <published volume='11' year='1993' pages='126-127' size='28'>
    <journal>MAPS</journal>
  </published>
  <keywords>
    <key>FAQ</key>
    <key>frequently asked questions</key>
  </keywords>
  <abstract>
  This is an edited version of a document called em&tex;-user Frequently Asked Questions. Eberhard Mattes
  sent this document on october 3rd, 1993 to the em&tex;-user list. In the community of dutch &tex;-users
```

```xml
      em&tex; is widely spread. So questions to the list are probably also valuable for many em&tex;-users
      without direct access to the list.
      </abstract>
</bibentry>

<bibentry type='article' id='11-24' language='EN'>
    <title>Frequently Asked Questions about 4&tex; (1)</title>
    <author>
      <au index='dolw'><fn>Wietse</fn><sn>Dol</sn></au>
    </author>
    <published volume='11' year='1993' pages='128-130' size='44'>
      <journal>MAPS</journal>
    </published>
    <abstract>
    In this note I have gathered some frequently asked questions and remarks. Most of the questions and an-
    swers were proposed in Dutch, so I tried to translate them into English. Blame me for (m)any bad English.
    </abstract>
</bibentry>

<bibentry type='article' id='11-25' language='NL'>
    <title>Gezeefd uit de &tex;-NL discussielijst (1993/2)</title>
    <author>
      <au index='vanoverbekep'><fn>Philippe</fn><sn>Vanoverbeke</sn></au>
    </author>
    <published volume='11' year='1993' pages='131-132' size='26'>
      <journal>MAPS</journal>
    </published>
    <abstract>
    Hier volgt opnieuw een selektie uit de NTG &tex;-NL discussielijst. Er werden enkele (korte) items uit-
    gelicht uit de onderwerpen die aan bod gekomen zijn tussen juni en september 1993.
    </abstract>
</bibentry>

<bibentry type='article' id='11-26' language='EN'>
    <title>The Comprehensive &tex; Archive Network (CTAN)</title>
    <author>
      <au index='greenwadeg'><fn>George</fn><sn>Greenwade</sn></au>
    </author>
    <published volume='11' year='1993' pages='133-140' size='86'>
      <journal>MAPS</journal>
    </published>
    <keywords>
      <key>CTAN</key>
      <key>archives</key>
      <key>FTP</key>
    </keywords>
    <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 net-
    work load and increasing speed of retrieval. Moreover, it provides users with a parallel archive struc-
    ture 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 main-
    tain an up-to-date collection of files.
    </abstract>
</bibentry>

<bibentry type='article' id='11-27' language='NL'>
    <title>4all&tex;: NTG's &tex; voor MS-DOS</title>
    <author>
      <au index='bloemenp'><fn>Phons</fn><sn>Bloemen</sn></au>
    </author>
    <published volume='11' year='1993' pages='141-154' size='106'>
      <journal>MAPS</journal>
    </published>
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    <keywords>
      <key>em&tex;</key>
      <key index='fourtex'>4&tex;</key>
      <key>distribution</key>
    </keywords>
    <abstract>
    Presentatie van het 4all&tex; floppypakket. Opgezet als een &tex;-installatie samengepakt op 1 HD flop-
    py, uitbreidbaar met 'hapklare' brokken in de vorm van extra floppies. Het geheel is gebaseerd op het
    em&tex; pakket van Eberhard Mattes, en het 4&tex;-pakket.
    </abstract>
</bibentry>

<bibentry type='article' id='11-28' language='EN'>
    <title>Shells for &tex;</title>
    <author>
      <au index='bloemenp'><fn>Phons</fn><sn>Bloemen</sn></au>
    </author>
    <published volume='11' year='1993' pages='155-159' size='67'>
      <journal>MAPS</journal>
    </published>
    <keywords>
      <key index='fourtex'>4&tex;</key>
      <key>&tex;Shell</key>
      <key>user interface</key>
    </keywords>
    <abstract>
    This is a review of two 'shell' programs for em&tex;, the PC-&tex; implementation of Eberhard Mattes.
    The 'shells' provide an integrated development environment for making &tex; documents. The two 'shells'
    presented here are &tex;SHELL by J&uuml;rgen Schlegelmilch, and 4&tex; by Wietse Dol, Erik Frambach and
    Maarten van der Vlerk.
    </abstract>
</bibentry>

<bibentry type='article' id='11-29' language='EN'>
    <title>Some notes about &tex; and MS-Windows</title>
    <author>
      <au index='dolw'><fn>Wietse</fn><sn>Dol</sn></au>
    </author>
    <published volume='11' year='1993' pages='160-162' size='47'>
      <journal>MAPS</journal>
    </published>
    <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.
    </abstract>
</bibentry>

<bibentry type='article' id='11-30' language='EN'>
    <title>A Future for &tex;</title>
    <author>
      <au index='hunterr'><fn>Roger</fn><sn>Hunter</sn></au>
    </author>
    <published volume='11' year='1993' pages='163-166' size='48'>
      <journal>MAPS</journal>
    </published>
    <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.
    </abstract>
</bibentry>
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<bibentry type='article' id='11-31' language='NL'>
  <title>Scientific Word,... een eerste indruk</title>
  <author>
    <au index='vanoverbekep'><fn>Philippe</fn><sn>Vanoverbeke</sn></au>
  </author>
  <published volume='11' year='1993' pages='167-170' size='50'>
    <journal>MAPS</journal>
  </published>
  <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 ge&euml;valueerd en zijn mijn bevin-
  dingen dan ook hoogswaarschijnlijk niet echt meer 'up to date'.
  </abstract>
</bibentry>

<bibentry type='article' id='11-32' language='EN'>
  <title>The ease of including graphics in &tex; documents using 4&tex;</title>
  <author>
    <au index='dolw'><fn>Wietse</fn><sn>Dol</sn></au>
  </author>
  <published volume='11' year='1993' pages='171-176' size='151'>
    <journal>MAPS</journal>
  </published>
  <abstract>
  In this paper we will show how 4&tex; can be used to incorporate graphics in &tex; documents. Using 4&tex;
  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, 4&tex; uses the style file figures.sty, the shareware programs &tex;CAD and GRAPHIC
  WORKSHOP, and the freeware programs: HP2XX, BM2FONT,PCLTOMSP, and GhostScript. All these programs are
  discussed and we also discuss how 4&tex; uses the strength of these programs to incorporate graphics in
  &tex; documents.
  </abstract>
</bibentry>

<bibentry type='article' id='11-33' language='EN'>
  <title>Customizing &latex; lists</title>
  <author>
    <au index='goossensm'><fn>Michel</fn><sn>Goossens</sn></au>
    <au index='mittelbachf'><fn>Frank</fn><sn>Mittelbach</sn></au>
    <au index='samarina'><fn>Alexander</fn><sn>Samarin</sn></au>
  </author>
  <published volume='11' year='1993' pages='177-184' size='77'>
    <journal>MAPS</journal>
  </published>
  <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,anddescription, 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.
  </abstract>
</bibentry>

<bibentry type='article' id='11-34' language='EN'>
  <title>An update on the babel system</title>
  <author>
    <au index='braamsj'><fn>Johannes</fn><sn>Braams</sn></au>
  </author>
  <published volume='11' year='1993' pages='185-186' size='30'>
    <journal>MAPS</journal>
  </published>
  <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.
```

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<bibentry type='article' id='11-35' language='NL'>
  <title>Herziene afbreekpatronen voor het Nederlands</title>
  <author>
    <au index='tutelaersp'><fn>Piet</fn><sn>Tutelaers</sn></au>
  </author>
  <published volume='11' year='1993' pages='187-190' size='46'>
    <journal>MAPS</journal>
  </published>
  <keywords>
    <key>hyphenation</key>
    <key>new dutch</key>
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  <abstract>
  Dutch hyphenation patterns for &tex; based upon 'Groene boekje 1990'
  </abstract>
</bibentry>

<bibentry type='article' id='11-36' language='EN'>
  <title>Typesetting paragraphs of a specified shape</title>
  <author>
    <au index='arseneaud'><fn>Donald</fn><sn>Arseneau</sn></au>
  </author>
  <published volume='11' year='1993' pages='191-193' size='43'>
    <journal>MAPS</journal>
  </published>
  <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.
  </abstract>
</bibentry>

<bibentry type='article' id='11-37' language='EN'>
  <title>&tex; from<tt>\indent</tt> to<tt>\par</tt></title>
  <author>
    <au index='ryckom'><fn>Marek</fn><sn>Ry&cacute;ko</sn></au>
    <au index='jackowskib'><fn>Bogus&lslash;aw</fn><sn>Jackowski</sn></au>
  </author>
  <published volume='11' year='1993' pages='194-198' size='70'>
    <journal>MAPS</journal>
  </published>
</bibentry>

<bibentry type='article' id='11-38' language='EN'>
  <title>&latex; at WKAP in Dordrecht</title>
  <author>
    <au index='jeuder'><fn>Rob</fn><prf>de</prf><sn>Jeu</sn></au>
  </author>
  <published volume='11' year='1993' pages='199-200' size='27'>
    <journal>MAPS</journal>
  </published>
  <abstract>
  In this article, I will explain a couple of things about the use of &latex; at Wolters Kluwer Academic Pub-
  lishers (WKAP), a scientific publisher in Dordrecht. WKAP came into existence in the '80s after the merg-
  er between D. Reidel Publishing Company, Martinus Nijhoff and Dr W. Junk. Each year, WKAP publishes ap-
  proximately 200 scientific journals and about 500 books (in reality, 200 scientific journal titles trans-
  lates into some 1200 journal issues).
  </abstract>
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<bibentry type='article' id='11-39' language='NL'>
  <title>&tex; en braille... een illusie?</title>
  <author>
    <au index='vanoverbekep'><fn>Philippe</fn><sn>Vanoverbeke</sn></au>
  </author>
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    <published volume='11' year='1993' pages='201-204' size='43'>
      <journal>MAPS</journal>
    </published>
    <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 para-
    grafen zal ik pogen te verklaren waarom ik &tex; als een mogelijk hulpmiddel zie voor de produktie van
    (eenvoudige) documenten in braille.
    </abstract>
</bibentry>

<bibentry type='article' id='11-40' language='EN'>
    <title>BLUe's bibliography -- a generic approach</title>
    <author>
      <au index='laanvanderc'><fn>Kees</fn><prf>van der</prf><sn>Laan</sn></au>
    </author>
    <published volume='11' year='1993' pages='205-210' size='76'>
      <journal>MAPS</journal>
    </published>
    <keywords>
      <key>literature database</key>
      <key>bibliography</key>
      <key>plain &tex;</key>
    </keywords>
    <abstract>
    A new and flexible approach to maintaining and using a bibliography database within (All)&tex; is provid-
    ed.
    </abstract>
</bibentry>

<bibentry type='article' id='11-41' language='EN'>
    <title>Matrix icons via &latex;</title>
    <author>
      <au index='laanvanderc'><fn>Kees</fn><prf>van der</prf><sn>Laan</sn></au>
    </author>
    <published volume='11' year='1993' pages='211-212' size='30'>
      <journal>MAPS</journal>
    </published>
    <keywords>
      <key>matrix icons</key>
      <key>&latex;</key>
      <key>picture environment</key>
    </keywords>
    <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.'
    </abstract>
</bibentry>

<bibentry type='article' id='11-42' language='EN'>
    <title>An application of literate programming: creating a format for the bulletin of the Polish
    TUG</title>
    <author>
      <au index='bzylw'><fn>W&lslash;odek</fn><sn>Bzyl</sn></au>
      <au index='przechlewskit'><fn>Tomasz</fn><sn>Przechlewski</sn></au>
    </author>
    <published volume='11' year='1993' pages='213-215' size='37'>
      <journal>MAPS</journal>
    </published>
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<bibentry type='article' id='11-43' language='EN'>
    <title>Teaching Typography -- The Didot Project</title>
    <author>
      <au index='dysonm'><fn>Mary</fn><sn>Dyson</sn></au>
    </author>
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    <published volume='11' year='1993' pages='216-218' size='37'>
      <journal>MAPS</journal>
    </published>
    <keywords>
      <key>digital typography</key>
      <key>curriculum development</key>
      <key>letterforms</key>
      <key>project report</key>
    </keywords>
    <abstract>
    This paper briefly outlines the Didot project on teaching digital typography. A key issue, namely the na-
    ture 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.
    </abstract>
</bibentry>

<bibentry type='article' id='11-44' language='EN'>
    <title>Announcement &latex;2e -- A New Version of &latex;</title>
    <author>
      <au index='rowleyc'><fn>Chris</fn><sn>Rowley</sn></au>
      <au index='mittelbachf'><fn>Frank</fn><sn>Mittelbach</sn></au>
    </author>
    <published volume='11' year='1993' pages='219-220' size='35'>
      <journal>MAPS</journal>
    </published>
    <abstract>
    &latex;2e is a new, standard version of &latex;-prepared and supported by the &latex;3 Project Team.
    </abstract>
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<bibentry type='article' id='11-45' language='EN'>
    <title>Review of recent &latex; books</title>
    <author>
      <au index='poppeliern'><fn>Nico</fn><sn>Poppelier</sn></au>
    </author>
    <published volume='11' year='1993' pages='221-222' size='29'>
      <journal>MAPS</journal>
    </published>
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      <key>book review</key>
    </keywords>
    <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).
    </abstract>
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<bibentry type='article' id='11-46' language='EN'>
    <title>The Technical Council and Special Interest Working Groups</title>
    <author>
      <au index='fergusonm'><fn>Michael</fn><sn>Ferguson</sn></au>
    </author>
    <published volume='11' year='1993' pages='223' size='21'>
      <journal>MAPS</journal>
    </published>
</bibentry>

<bibentry type='message' id='11-47' language='EN'>
    <title>Call for papers: TEP'94 &amp; TUG'94</title>
    <author>
      <au index='dysonm'><fn>Mary</fn><sn>Dyson</sn></au>
    </author>
    <published volume='11' year='1993' pages='224-225' size='28'>
      <journal>MAPS</journal>
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    <key>Santa Barbara</key>
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  call for papers for TEP'94 and for TUG'94.
  </abstract>
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<bibentry type='message' id='11-48' language='EN'>
  <title>Table of Contents TUGboat</title>
  <published volume='11' year='1993' pages='226-227' size='36'>
    <journal>MAPS</journal>
  </published>
  <abstract>
  Table of contents of TUGboat Volume 14.1, 14.2 and 14.3.
  </abstract>
</bibentry>

<bibentry type='book' id='maps12' language='NL/EN'>
  <title>MAPS 94.1</title>
  <editor index='nesgvan'><fn>Gerard</fn><prf>van</prf><sn>Nes</sn></editor>
  <published volume='12' year='1994' pages='1-177' size='2821'>
    <series>MAPS</series>
    <publisher>NTG</publisher>
  </published>
  <keywords>
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    <key>MAPS</key>
    <key>Minutes &amp; Appendices</key>
  </keywords>
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  NTG's magazine
  </abstract>
</bibentry>

<bibentry type='verslag' id='12-1' language='NL'>
  <title>Verslag (1994/1)</title>
  <author>
    <au index='winninkj'><fn>Jos</fn><sn>Winnink</sn></au>
  </author>
  <published volume='12' year='1994' pages='1-5' size='70'>
    <journal>MAPS</journal>
  </published>
  <keywords>
    <key>report</key>
    <key>members meeting</key>
  </keywords>
  <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; &latex;3; MAPS; Verslag bijeenkomsten; Ver-
  slag werkgroepen; Rondvraag; Voordrachten: '(La)&tex; gebruikersomgeving'; Volgende bijeenkomsten;
  Sluiting
  </abstract>
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<bibentry type='message' id='12-2' language='NL'>
  <title>Het weten waard</title>
  <published volume='12' year='1994' pages='6-7' size='37'>
    <journal>MAPS</journal>
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<bibentry type='message' id='12-3' language='NL'>
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  <title>Van de Voorzitter (1994/1)</title>
  <author>
    <au index='laanvanderc'><fn>Kees</fn><prf>van der</prf><sn>Laan</sn></au>
  </author>
  <published volume='12' year='1994' pages='8-10' size='53'>
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  </published>
  <keywords>
    <key>chairman</key>
  </keywords>
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<bibentry type='message' id='12-4' language='NL'>
  <title>Van uw MAPS Editor (1994/1)</title>
  <author>
    <au index='nesgvan'><fn>Gerard</fn><prf>van</prf><sn>Nes</sn></au>
  </author>
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    <journal>MAPS</journal>
  </published>
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<bibentry type='message' id='12-5' language='NL'>
  <title>Jaarverslag NTG 1993</title>
  <author>
    <au index='nesgvan'><fn>Gerard</fn><prf>van</prf><sn>Nes</sn></au>
  </author>
  <published volume='12' year='1994' pages='13-14' size='36'>
    <journal>MAPS</journal>
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  </keywords>
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<bibentry type='message' id='12-6' language='NL'>
  <title>Financieel verslag NTG 1993</title>
  <author>
    <au index='braamsj'><fn>Johannes</fn><sn>Braams</sn></au>
  </author>
  <published volume='12' year='1994' pages='15-16' size='32'>
    <journal>MAPS</journal>
  </published>
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  </keywords>
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<bibentry type='article' id='12-7' language='EN'>
  <title>Use of &tex; and &latex; within the NTG community</title>
  <author>
    <au index='winninkj'><fn>Jos</fn><sn>Winnink</sn></au>
  </author>
  <published volume='12' year='1994' pages='17-18' size='25'>
    <journal>MAPS</journal>
  </published>
  <keywords>
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    <key>&latex;</key>
    <key>&latex;3</key>
  </keywords>
  <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 impor-
  tant funding of the &latex;-3 project for the members of NTG is. Therefore it was necessary to have in-
  sight in the use of &tex; and related products/macro packages. It was decided that the board should held
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        a inquiry among the members and if possible present the results at the fall 1993 meeting. This article de-
        scribes the results of the survey.
    </abstract>
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<bibentry type='article' id='12-8' language='EN'>
    <title>The making of the 4all&tex; CD-ROM</title>
    <author>
        <au index='frambache'><fn>Erik</fn><sn>Frambach</sn></au>
    </author>
    <published volume='12' year='1994' pages='19-21' size='67'>
        <journal>MAPS</journal>
    </published>
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        <key index='fouralltex'>4all&tex;</key>
        <key index='fourtex'>4&tex;</key>
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    </keywords>
    <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 4&tex; 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.
    </abstract>
</bibentry>

<bibentry type='article' id='12-9' language='NL'>
    <title>FGBBS: de jonge jarige</title>
    <author>
        <au index='goddijnf'><fn>Frans</fn><sn>Goddijn</sn></au>
        <au index='haandeh'><fn>Henk</fn><prf>de</prf><sn>Haan</sn></au>
    </author>
    <published volume='12' year='1994' pages='22-24' size='31'>
        <journal>MAPS</journal>
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        <key>internet</key>
        <key index='fouralltex'>4all&tex;</key>
        <key>LittleComm</key>
        <key>CDROM</key>
    </keywords>
    <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 half-
    jaar hebben we met succes gestreefd naar stabilisatie van het systeem, overigens zonder de actualiteit
    uit het oog te verliezen.
    </abstract>
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<bibentry type='article' id='12-10' language='EN'>
    <title>4&tex; 3.20 a technical note</title>
    <author>
        <au index='dolw'><fn>Wietse</fn><sn>Dol</sn></au>
    </author>
    <published volume='12' year='1994' pages='25-26' size='25'>
        <journal>MAPS</journal>
    </published>
    <abstract>
    With the release of the CD-ROM there will also be a new release of the 4&tex; workbench (version 3.20).
    In this note I will try and explain what will be different from the earlier versions (e.g. installed with
    4all&tex;).
    </abstract>
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    </bibentry>

    <bibentry type='article' id='12-11' language='EN'>
       <title>Frequently Asked Questions about 4&tex; (2)</title>
       <author>
          <au index='dolw'><fn>Wietse</fn><sn>Dol</sn></au>
       </author>
       <published volume='12' year='1994' pages='27-30' size='47'>
          <journal>MAPS</journal>
       </published>
    </bibentry>

    <bibentry type='article' id='12-12' language='NL'>
       <title>&tex; zonder omhaal; voor Atari ST en andere PC's (III)</title>
       <author>
          <au index='bestr'><fn>Robert</fn><sn>Best</sn></au>
       </author>
       <published volume='12' year='1994' pages='31-33' size='100'>
          <journal>MAPS</journal>
       </published>
       <keywords>
          <key>&tex;Draw</key>
          <key>MIDI&tex;</key>
          <key>Music&tex;</key>
          <key>Big&tex;</key>
          <key>MakeIndex</key>
       </keywords>
       <abstract>
       &tex;Draw wordt getest. Veel Atari ST's worden gebruikt om electronisch muziek te maken, op te nemen
       (MIDI) en af te drukken in muziekschrift. Dat afdrukken kan ook met &tex;. Uitbreidingen van &tex;
       zoals &latex;, &tex;sis en Music&tex; maken het zetwerk makkelijker en mooier, maar &tex; heeft ook meer
       werkruimte nodig. We maken een Big&tex; 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.
       </abstract>
    </bibentry>

    <bibentry type='article' id='12-13' language='NL'>
       <title>&tex; zonder omhaal; voor Atari ST en andere PC's (IV)</title>
       <author>
          <au index='veenvanm'><fn>Mark</fn><prf>van</prf><sn>Veen</sn></au>
       </author>
       <published volume='12' year='1994' pages='34-36' size='37'>
          <journal>MAPS</journal>
       </published>
       <keywords>
          <key>&latex;2e</key>
       </keywords>
       <abstract>
       Deze keer gaat het over een recent uitgekomen macro-pakket, dat &latex;2e heet. Dit pakket vormt een
       krachtige set macro's, waarmee je zonder al te veel van &tex; af te weten goed uitziende teksten kan pro-
       duceren. 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.
       </abstract>
    </bibentry>

    <bibentry type='article' id='12-14' language='EN'>
       <title>&latex;2e, an overview</title>
       <author>
          <au index='goossensm'><fn>Michel</fn><sn>Goossens</sn></au>
       </author>
       <published volume='12' year='1994' pages='37-46' size='145'>
          <journal>MAPS</journal>
       </published>
       <abstract>
```

```xml
      This article gives an overview of the new or extended user commands available with &latex;2e, the new
      &latex; release, compared to the previous version &latex; 2.09. After introducing the newpreamble com-
      mands, the extensions for defining new commands and environments, and handling length and boxes are dis-
      cussed. The new font selection commands are explained, both for text and math, and it is shown how to eas-
      ily use different font families. A list of supported class and package files is given and new possibili-
      ties 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.
    </abstract>
</bibentry>

<bibentry type='article' id='12-15' language='EN'>
    <title>Standard Document Classes and Packages</title>
    <author>
      <au index='braamsj'><fn>Johannes</fn><sn>Braams</sn></au>
    </author>
    <published volume='12' year='1994' pages='47-49' size='47'>
      <journal>MAPS</journal>
    </published>
    <abstract>
    This article describes the Document Classes and Packages that are availabel or will be available short-
    ly for use with &latex;2e . The number of available Packages and Classes will obviously change once
    &latex;2e is the 'official' &latex;.
    </abstract>
</bibentry>

<bibentry type='article' id='12-16' language='EN'>
    <title>Upgrading old styles</title>
    <author>
      <au index='braamsj'><fn>Johannes</fn><sn>Braams</sn></au>
    </author>
    <published volume='12' year='1994' pages='50-52' size='51'>
      <journal>MAPS</journal>
    </published>
    <abstract>
    This article deals with the things you have to look for when upgrading and old .sty file for &latex;2e ,
    turning it into either a Document Class or a Package.
    </abstract>
</bibentry>

<bibentry type='article' id='12-17' language='EN'>
    <title>A brief guide to &tex; assistants</title>
    <author>
      <au index='rahtzs'><fn>Sebastian</fn><sn>Rahtz</sn></au>
    </author>
    <published volume='12' year='1994' pages='53-57' size='359'>
      <journal>MAPS</journal>
    </published>
    <abstract>
    This paper offers a 'back to basics' overview of the various types of software which are of assistance to
    the &tex;nical 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 read-
    ers 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).
    </abstract>
</bibentry>

<bibentry type='article' id='12-18' language='EN'>
    <title>Building virtual fonts with 'fontinst'</title>
    <author>
      <au index='jeffreya'><fn>Alan</fn><sn>Jeffrey</sn></au>
    </author>
    <published volume='12' year='1994' pages='58-59' size='32'>
      <journal>MAPS</journal>
    </published>
    <abstract>
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      <key>book review</key>
      <key>review</key>
    </keywords>
    <abstract>
    This is a review of the book 'Making &tex; Work' by Norman Walsch
    </abstract>
</bibentry>

<bibentry type='article' id='12-23' language='EN'>
    <title>Typesetting Greek texts by &tex; and &latex;</title>
    <author>
      <au index='filippoud'><fn>Dimitrios</fn><sn>Filippou</sn></au>
    </author>
    <published volume='12' year='1994' pages='93-96' size='49'>
      <journal>MAPS</journal>
    </published>
    <keywords>
      <key>&tex;</key>
      <key>&latex;</key>
      <key>Greek</key>
      <key>fonts</key>
      <key>packages</key>
      <key>freeware</key>
      <key>commercial</key>
    </keywords>
    <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.
    </abstract>
</bibentry>

<bibentry type='article' id='12-24' language='EN'>
    <title>Springer authors do it with &tex;</title>
    <author>
      <au index='bindinga'><fn>Angelika</fn><sn>Binding</sn></au>
    </author>
    <published volume='12' year='1994' pages='97-99' size='33'>
      <journal>MAPS</journal>
    </published>
</bibentry>

<bibentry type='article' id='12-25' language='NL'>
    <title>&tex;-verwerking bij PRAGMA</title>
    <author>
      <au index='hagenj'><fn>Hans</fn><sn>Hagen</sn></au>
    </author>
    <published volume='12' year='1994' pages='100-102' size='62'>
      <journal>MAPS</journal>
    </published>
    <keywords>
      <key>use of &tex;</key>
      <key>practice</key>
    </keywords>
    <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.
    </abstract>
</bibentry>

<bibentry type='article' id='12-26' language='NL'>
    <title>Computerondersteund tekstgebruik</title>
    <author>
      <au index='hagenj'><fn>Hans</fn><sn>Hagen</sn></au>
    </author>
    <published volume='12' year='1994' pages='103-105' size='44'>
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        <journal>MAPS</journal>
    </published>
</bibentry>

<bibentry type='article' id='12-27' language='EN'>
    <title>Data publishing</title>
    <author>
        <au index='kroonenbergs'><fn>Siep</fn><sn>Kroonenberg</sn></au>
    </author>
    <published volume='12' year='1994' pages='106-107' size='28'>
        <journal>MAPS</journal>
    </published>
    <keywords>
        <key>databases</key>
        <key>spreadsheet</key>
        <key>tables</key>
    </keywords>
    <abstract>
    This paper demonstrates how commercial software and &latex; can work together in data publishing.
    </abstract>
</bibentry>

<bibentry type='article' id='12-28' language='EN'>
    <title>Table design</title>
    <author>
        <au index='kroonenbergs'><fn>Siep</fn><sn>Kroonenberg</sn></au>
    </author>
    <published volume='12' year='1994' pages='108-110' size='52'>
        <journal>MAPS</journal>
    </published>
    <keywords>
        <key>tables design</key>
        <key>rules</key>
        <key>whitespace</key>
        <key>fonts</key>
        <key>alignment</key>
        <key>justification</key>
    </keywords>
    <abstract>
    A critical look at table typesetting as practiced by &latex; users, with before-and-after examples.
    </abstract>
</bibentry>

<bibentry type='article' id='12-29' language='EN'>
    <title>BLUe's Transparencies</title>
    <author>
        <au index='laanvanderc'><fn>Kees</fn><prf>van der</prf><sn>Laan</sn></au>
    </author>
    <published volume='12' year='1994' pages='111-114' size='59'>
        <journal>MAPS</journal>
    </published>
    <keywords>
        <key>foils</key>
        <key>formatting</key>
        <key>generic style</key>
        <key>slides</key>
        <key>transparencies</key>
    </keywords>
    <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 tranparency set.
    </abstract>
</bibentry>

<bibentry type='article' id='12-30' language='EN'>
    <title>BLUe's Bibliography</title>
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```
    <author>
      <au index='laanvanderc'><fn>Kees</fn><prf>van der</prf><sn>Laan</sn></au>
    </author>
    <published volume='12' year='1994' pages='115' size='22'>
      <journal>MAPS</journal>
    </published>
    <keywords>
      <key>literature database</key>
      <key>bibliography</key>
      <key>plain &tex;</key>
    </keywords>
    <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.
    </abstract>
</bibentry>

<bibentry type='article' id='12-31' language='EN'>
    <title>BLUe's Verbatim</title>
    <author>
      <au index='laanvanderc'><fn>Kees</fn><prf>van der</prf><sn>Laan</sn></au>
    </author>
    <published volume='12' year='1994' pages='116-118' size='40'>
      <journal>MAPS</journal>
    </published>
    <keywords>
      <key>escape character</key>
      <key>formatting</key>
      <key>generic style</key>
      <key>semi-transparent</key>
      <key>verbatim</key>
    </keywords>
    <abstract>
    A suite of macros for verbatim mode is provided, which are simple, concise and flexible. The func-
    tionalities are: verbatim text, and file verbatim inclusion, with 'options' for numbering and en-
    abling of metacode. Options can be supplied via the toks variable<tt>\thisverbatim</tt>, and globally
    via<tt>\everyverbatim</tt>. The place within &context; can be handled via the defs<tt>\preverbatim</tt>
    and<tt>\postverbatim</tt>. The macros are &context; independent and can be used at the inner level with
    Any&tex;.
    </abstract>
</bibentry>

<bibentry type='article' id='12-32' language='EN'>
    <title>TUGboat BLUes</title>
    <author>
      <au index='laanvanderc'><fn>Kees</fn><prf>van der</prf><sn>Laan</sn></au>
    </author>
    <published volume='12' year='1994' pages='119-150' size='361'>
      <journal>MAPS</journal>
    </published>
    <keywords>
      <key>block comment</key>
      <key>computer-assisted typography</key>
      <key>Euro&tex;</key>
      <key>&latex;</key>
      <key>markup</key>
      <key>optional parameters</key>
      <key>preprints</key>
      <key>publisher formats</key>
      <key>TTN</key>
      <key>TUGboat</key>
      <key>multi-columns</key>
      <key>verbatim</key>
    </keywords>
    <abstract>
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```xml
      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 euro&tex;.sty.
      Article templates for the various 'styles as is' are provided. Independent and in addition to these I in-
      cluded customing files. Also included is my concrete proposal for a tug.ppt style-for preprints of tug-
      boat.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<tt>\this&lt;foo&gt;</tt>, anal-
      ogous to<tt>\every&lt;foo&gt;</tt>. This is applied to handling verbatims, with as a result a compact
      suite of verbatim macros to be used with Any&tex;.
    </abstract>
</bibentry>

<bibentry type='article' id='12-33' language='EN'>
    <title>Book review: 'Practical SGML' &amp; 'Math into &tex;'</title>
    <author>
      <au index='poppeliern'><fn>Nico</fn><sn>Poppelier</sn></au>
    </author>
    <published volume='12' year='1994' pages='151-152' size='27'>
      <journal>MAPS</journal>
    </published>
    <keywords>
      <key>book review</key>
      <key>SGML</key>
    </keywords>
    <abstract>
    Two new books are discussed: 'Practical SGML' from Eric Herwijnen, and 'math into &tex;, a simple intro-
    duction to AMS-&latex;' from George Gr&auml;tzer.
    </abstract>
</bibentry>

<bibentry type='article' id='12-34' language='EN'>
    <title>The &tex; Hierarchy</title>
    <author>
      <au index='arseneaud'><fn>Donald</fn><sn>Arseneau</sn></au>
      <au index='chenr'><fn>Raymond</fn><sn>Chen</sn></au>
      <au index='eijkhoutv'><fn>Victor</fn><sn>Eijkhout</sn></au>
    </author>
    <published volume='12' year='1994' pages='153-154' size='31'>
      <journal>MAPS</journal>
    </published>
    <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.
    </abstract>
</bibentry>

<bibentry type='article' id='12-35' language='EN'>
    <title>Obtaining &tex;</title>
    <author>
      <au index='rahtzs'><fn>Sebastian</fn><sn>Rahtz</sn></au>
    </author>
    <published volume='12' year='1994' pages='155-156' size='24'>
      <journal>MAPS</journal>
    </published>
    <keywords>
      <key>CTAN</key>
      <key>FTP</key>
      <key>archives</key>
    </keywords>
    <abstract>
    The UK&tex; 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).
    </abstract>
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<bibentry type='article' id='12-36' language='EN'>
  <title>&latex;2e -- Second Test Release</title>
  <author>
    <au index='lamportl'><fn>Leslie</fn><sn>Lamport</sn></au>
    <au index='latexteam'><fn></fn><sn>&latex;3 project team</sn></au>
  </author>
  <published volume='12' year='1994' pages='157-158' size='28'>
    <journal>MAPS</journal>
  </published>
  <abstract>
  The second test release of &latex; is now available. Notes about this release are at the end of this an-
  nouncement. 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 al-
  so 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.
  </abstract>
</bibentry>

<bibentry type='article' id='12-37' language='EN'>
  <title>Literate Programming Frequently Asked Questions</title>
  <author>
    <au index='thomasd'><fn>David</fn><sn>Thomas</sn></au>
  </author>
  <published volume='12' year='1994' pages='159-164' size='61'>
    <journal>MAPS</journal>
  </published>
  <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.
  </abstract>
</bibentry>

<bibentry type='article' id='12-38' language='EN'>
  <title>Report Bacho&tex;'94</title>
  <author>
    <au index='laanvanderc'><fn>Kees</fn><prf>van der</prf><sn>Laan</sn></au>
  </author>
  <published volume='12' year='1994' pages='165-166' size='33'>
    <journal>MAPS</journal>
  </published>
  <keywords>
    <key>Bacho&tex;</key>
    <key>trip report</key>
    <key>music</key>
    <key>book design</key>
    <key>BLUe introduction</key>
  </keywords>
  <abstract>
  Education was about:
    <itemize>
      <item>survey of &tex;,</item>
      <item>Polish typographical tradition,</item>
      <item>&latex;2e,</item>
      <item>LaMeX2e,</item>
      <item>Indexing and bibliography making,</item>
      <item>dvips use and so on,</item>
      <item>fonts with &tex; and PostScript,</item>
      <item>METAFONT.</item>
    </itemize>
  The contributions to the conference were about:
    <itemize>
      <item>emerging GUST archive,</item>
      <item>&latex; and Polish,</item>
      <item>AmS&latex;.</item>
```

```xml
      </itemize>
    Phil Taylor had the stage when talking in full colour about book design. Kees van der Laan talked about
    Manmac, and his BLUe system.
    </abstract>
</bibentry>

<bibentry type='article' id='12-39' language='EN'>
  <title>Report N&tex;'94</title>
  <author>
    <au index='laanvanderc'><fn>Kees</fn><prf>van der</prf><sn>Laan</sn></au>
  </author>
  <published volume='12' year='1994' pages='167' size='26'>
    <journal>MAPS</journal>
  </published>
  <keywords>
    <key>Nordic TUG</key>
    <key>NTUG annual meeting</key>
  </keywords>
  <abstract>
    The meeting of the Nordic countries was attended. Few people did show up because of the distance. Issues
    at stake were:
    <itemize>
      <item>hyphenation patterns for Norwegian,</item>
      <item>how to create your own documentsstyle,</item>
      <item>TUGboat blues.</item>
    </itemize>
  </abstract>
</bibentry>

<bibentry type='message' id='12-40' language='EN'>
  <title>Announcement TUG '94</title>
  <published volume='12' year='1994' pages='168-169' size='29'>
    <journal>MAPS</journal>
  </published>
  <keywords>
    <key>TUG conference</key>
    <key>Santa Barbara</key>
  </keywords>
  <abstract>
    Announcement of TUG '94 conference.
  </abstract>
</bibentry>

<bibentry type='message' id='12-41' language='EN'>
  <title>Announcement Euro&tex;'94</title>
  <published volume='12' year='1994' pages='170' size='16'>
    <journal>MAPS</journal>
  </published>
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    <key>Euro&tex;</key>
    <key>conference</key>
    <key>announcement</key>
    <key>Gdansk</key>
  </keywords>
  <abstract>
    Announcement of Euro&tex;'94 conference.
  </abstract>
</bibentry>

<bibentry type='message' id='12-42' language='EN'>
  <title>Announcement 4all&tex; CD-ROM</title>
  <author>
    <au index='frambache'><fn>Erik</fn><sn>Frambach</sn></au>
    <au index='dolw'><fn>Wietse</fn><sn>Dol</sn></au>
  </author>
  <published volume='12' year='1994' pages='171-174' size='37'>
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      <key index='fouralltex'>4all&tex;</key>
      <key>CDROM</key>
    </keywords>
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    Announcement of NTG's 4all&tex; cd-rom
    </abstract>
</bibentry>

<bibentry type='message' id='12-43' language='NL'>
    <title>Cursusaankondiging 4&tex;</title>
    <author>
      <au index='frambache'><fn>Erik</fn><sn>Frambach</sn></au>
      <au index='dolw'><fn>Wietse</fn><sn>Dol</sn></au>
    </author>
    <published volume='12' year='1994' pages='175' size='16'>
      <journal>MAPS</journal>
    </published>
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    Aankondiging 4&tex; cursus
    </abstract>
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<bibentry type='message' id='12-44' language='EN'>
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    <published volume='12' year='1994' pages='176-177' size='28'>
      <journal>MAPS</journal>
    </published>
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      <key>TUGboat</key>
      <key>contents</key>
    </keywords>
    <abstract>
    Table of contents of TUGboat Volume 14.4, and 15.1.
    </abstract>
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<bibentry type='book' id='100faq' language='EN'>
    <title>100 Frequently Asked Questions</title>
    <editor index='fairbairnsr'><fn>Robin</fn><sn>Fairbairns</sn></editor>
    <published year='1994' pages='1-27' size='312'>
      <series>MAPS Special Editions</series>
      <publisher>NTG</publisher>
    </published>
    <keywords>
      <key>FAQ</key>
      <key>frequently asked questions</key>
      <key>Baskerville</key>
    </keywords>
    <abstract>
    100 frequently asked questions answered. Topics are &tex;, &latex;, METAFONT, PostScript, special type-
    setting, format conversions, DVI drivers &amp; previewers, recent &tex; developments and more.
    </abstract>
</bibentry>

<bibentry type='book' id='maps13' language='NL/EN'>
    <title>MAPS 94.2</title>
    <editor index='nesgvan'><fn>Gerard</fn><prf>van</prf><sn>Nes</sn></editor>
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    <publisher>NTG</publisher>
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    <key>MAPS</key>
    <key>Minutes &amp; Appendices</key>
  </keywords>
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  NTG's magazine
  </abstract>
</bibentry>

<bibentry type='verslag' id='13-1' language='NL'>
  <title>Verslag (1994/2)</title>
  <author>
    <au index='goddijnf'><fn>Frans</fn><sn>Goddijn</sn></au>
  </author>
  <published volume='13' year='1994' pages='1-4' size='63'>
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  </published>
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    <key>members meeting</key>
  </keywords>
  <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
  </abstract>
</bibentry>

<bibentry type='message' id='13-2' language='NL'>
  <title>Het weten waard</title>
  <published volume='13' year='1994' pages='5-6' size='38'>
    <journal>MAPS</journal>
  </published>
</bibentry>

<bibentry type='message' id='13-3' language='NL'>
  <title>Van de Voorzitter (1994/2)</title>
  <author>
    <au index='braamsj'><fn>Johannes</fn><sn>Braams</sn></au>
  </author>
  <published volume='13' year='1994' pages='7' size='21'>
    <journal>MAPS</journal>
  </published>
  <keywords>
    <key>chairman</key>
  </keywords>
</bibentry>

<bibentry type='message' id='13-4' language='NL'>
  <title>Van uw MAPS Editor (1994/2)</title>
  <author>
    <au index='nesgvan'><fn>Gerard</fn><prf>van</prf><sn>Nes</sn></au>
  </author>
  <published volume='13' year='1994' pages='8-9' size='68'>
    <journal>MAPS</journal>
  </published>
</bibentry>

<bibentry type='message' id='13-5' language='NL'>
  <title>NTG's Listserver &tex;-NL</title>
  <published volume='13' year='1994' pages='10-11' size='24'>
    <journal>MAPS</journal>
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    </published>
    <keywords>
      <key>listserver</key>
      <key>TEX-NL</key>
    </keywords>
    <abstract>
    Overzicht gebruikers listserver.
    </abstract>
</bibentry>

<bibentry type='message' id='13-6' language='NL'>
    <title>NTG's Listserver 4&tex;</title>
    <published volume='13' year='1994' pages='12-13' size='20'>
      <journal>MAPS</journal>
    </published>
    <keywords>
      <key>listserver</key>
      <key index='fourtex'>4&tex;</key>
    </keywords>
    <abstract>
    Overzicht gebruikers listserver.
    </abstract>
</bibentry>

<bibentry type='article' id='13-7' language='NL'>
    <title>Verslag TUG '94</title>
    <author>
      <au index='braamsj'><fn>Johannes</fn><sn>Braams</sn></au>
    </author>
    <published volume='13' year='1994' pages='14-17' size='69'>
      <journal>MAPS</journal>
    </published>
    <keywords>
      <key>conference</key>
      <key>TUG conference</key>
      <key>Santa Barbara</key>
    </keywords>
</bibentry>

<bibentry type='article' id='13-8' language='EN'>
    <title>Goossens at TUG '94</title>
    <author>
      <au index='goossensm'><fn>Michel</fn><sn>Goossens</sn></au>
    </author>
    <published volume='13' year='1994' pages='18-22' size='72'>
      <journal>MAPS</journal>
    </published>
    <keywords>
      <key>TUG conference</key>
      <key>Santa Barbara</key>
    </keywords>
</bibentry>

<bibentry type='article' id='13-9' language='EN'>
    <title>Report CyrTUG '94</title>
    <author>
      <au index='laanvanderc'><fn>Kees</fn><prf>van der</prf><sn>Laan</sn></au>
    </author>
    <published volume='13' year='1994' pages='23-26' size='338'>
      <journal>MAPS</journal>
    </published>
    <keywords>
      <key>CyrTUG</key>
      <key>Dubna</key>
      <key>PostScript</key>
      <key>&latex;2e</key>
```

```xml
    </keywords>
    <abstract>
    A magnificant 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 te become beneficial. As usual there were courses around the conference. Issues discussed during
    the conference:
      <itemize>
        <item>&latex; developments,</item>
        <item>Use of colours,</item>
        <item>&latex; and PostScript,</item>
        <item>UNIX platforms next to DOS,</item>
        <item>Various user reports,</item>
        <item>BLUe's set of macros on top of manmac.</item>
      </itemize>
    </abstract>
</bibentry>

<bibentry type='article' id='13-10' language='EN'>
  <title>Goossens at Euro&tex;'94 in Gdansk</title>
  <author>
    <au index='goossensm'><fn>Michel</fn><sn>Goossens</sn></au>
  </author>
  <published volume='13' year='1994' pages='27-30' size='59'>
    <journal>MAPS</journal>
  </published>
  <keywords>
    <key>Euro&tex;</key>
    <key>conference</key>
    <key>Gdansk</key>
  </keywords>
  <abstract>
  Report of Euro&tex;'94 conference in Gdansk.
  </abstract>
</bibentry>

<bibentry type='article' id='13-11' language='NL'>
  <title>FGBBS: de kastelein</title>
  <author>
    <au index='goddijnf'><fn>Frans</fn><sn>Goddijn</sn></au>
    <au index='haandeh'><fn>Henk</fn><prf>de</prf><sn>Haan</sn></au>
  </author>
  <published volume='13' year='1994' pages='31-33' size='30'>
    <journal>MAPS</journal>
  </published>
  <keywords>
    <key>FGBBS</key>
    <key>bulletin board</key>
    <key>Fidonet</key>
    <key>FrontDoor</key>
    <key>internet</key>
    <key index='fouralltex'>4all&tex;</key>
    <key>CDROM</key>
  </keywords>
  <abstract>
  De komst van de 4all&tex; CD-ROMs heeft de afgelopen maanden voor veel nieuws gezorgd, ook op FGBBS. Het
  NTG schonk FGBBS een CD-ROM drive, waarop de 4all&tex; werd geplaatst. Inmiddels is de tweede editie
  4all&tex; gearriveerd, en deze is in zijn geheel beschikbaar via het bulletin board systeem.
  </abstract>
</bibentry>

<bibentry type='article' id='13-12' language='EN'>
  <title>General information 4all&tex; CD-ROM</title>
  <published volume='13' year='1994' pages='34-36' size='43'>
    <journal>MAPS</journal>
  </published>
  <keywords>
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    <key index='fourtex'>4&tex;</key>
    <key index='fouralltex'>4all&tex;</key>
    <key>CDROM</key>
  </keywords>
  <abstract>
  The most important items concerning the 4all&tex; CD-ROM.
  </abstract>
</bibentry>

<bibentry type='article' id='13-13' language='NL'>
  <title>4all&tex;, the ultimate &tex;-resource</title>
  <author>
    <au index='paijmansh'><fn>Hans</fn><sn>Paijmans</sn></au>
  </author>
  <published volume='13' year='1994' pages='37-38' size='28'>
    <journal>MAPS</journal>
  </published>
  <keywords>
    <key index='fouralltex'>4all&tex;</key>
    <key>review</key>
  </keywords>
  <abstract>
  In het Nederlandse maandblad 'Personal Computer Magazine' verscheen in het oktober nummer de hier
  beschreven recensie van &latex;/&tex; en de onlangs verschenen 4all&tex; CD-ROM.
  </abstract>
</bibentry>

<bibentry type='article' id='13-14' language='EN'>
  <title>The NTG 4all&tex; CD-ROM on the Macintosh</title>
  <author>
    <au index='renkemah'><fn>Hans</fn><sn>Renkema</sn></au>
  </author>
  <published volume='13' year='1994' pages='39' size='28'>
    <journal>MAPS</journal>
  </published>
</bibentry>

<bibentry type='article' id='13-15' language='EN'>
  <title>Makefont: a new 4&tex; utility</title>
  <author>
    <au index='dolw'><fn>Wietse</fn><sn>Dol</sn></au>
  </author>
  <published volume='13' year='1994' pages='40-42' size='38'>
    <journal>MAPS</journal>
  </published>
  <abstract>
  The second release of the 4all&tex; CD-ROM comes with 4&tex; 3.25. This version of 4&tex; has a new util-
  ity that is not described in the manual. In this note I will explain the use of this extra feature: Make-
  font. 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).
  </abstract>
</bibentry>

<bibentry type='article' id='13-16' language='NL'>
  <title>&tex; zonder omhaal; voor Atari ST en andere PC's (V)</title>
  <author>
    <au index='bestr'><fn>Robert</fn><sn>Best</sn></au>
  </author>
  <published volume='13' year='1994' pages='43-44' size='34'>
    <journal>MAPS</journal>
  </published>
  <abstract>
  &tex; kan niet alleen instructies uitvoeren maar ook vragen. Het resultaat hangt dan af van de antwoor-
  den 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
```

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      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.
    </abstract>
</bibentry>

<bibentry type='article' id='13-17' language='NL'>
    <title>&tex; zonder omhaal; voor Atari ST en andere PC's (VI)</title>
    <author>
      <au index='swartr'><fn>Rens</fn><sn>Swart</sn></au>
    </author>
    <published volume='13' year='1994' pages='45-50' size='89'>
      <journal>MAPS</journal>
    </published>
    <abstract>
    METAFONT is een programma waarmee het mogelijk is om via wiskundig beschreven curves en oppervlakken let-
    tertypes of andere symbolen te ontwerpen. Deze kunnen gebruikt worden in het zetprogramma &tex;. Dit ar-
    tikel 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 her-
    druk van een serie artikelen uit het blad ST, uitgegeven door Stichting ST. Daar zijn de in de tekst ge-
    noemde schijfjes te verkrijgen.
    </abstract>
</bibentry>

<bibentry type='message' id='13-18' language='EN'>
    <title>N&tex; 1.2</title>
    <author>
      <au index='langbeinf'><fn>Frank</fn><sn>Langbein</sn></au>
    </author>
    <published volume='13' year='1994' pages='51' size='19'>
      <journal>MAPS</journal>
    </published>
</bibentry>

<bibentry type='article' id='13-19' language='EN'>
    <title>BLUe blood in math mode?</title>
    <author>
      <au index='goddijnf'><fn>Frans</fn><sn>Goddijn</sn></au>
    </author>
    <published volume='13' year='1994' pages='52-54' size='44'>
      <journal>MAPS</journal>
    </published>
    <keywords>
      <key>Palatino</key>
      <key>Johan Polak</key>
      <key>Donald Knuth</key>
      <key>Hermann Zapf</key>
      <key>math fonts</key>
      <key>TYPO-L</key>
      <key>typography</key>
    </keywords>
    <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 won-
    dered? 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.
    </abstract>
</bibentry>

<bibentry type='article' id='13-20' language='NL'>
    <title>CijferBLUes: Verborgen schoonheid in &latex; 2.09</title>
    <author>
      <au index='goddijnf'><fn>Frans</fn><sn>Goddijn</sn></au>
    </author>
    <published volume='13' year='1994' pages='55-56' size='42'>
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    </published>
    <keywords>
      <key>oldstyle</key>
      <key>mediaeval</key>
      <key>digits</key>
      <key>numbers</key>
    </keywords>
    <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 ci-
    jfers' zijn in de standaard Computer Modern fonts al sinds jaar en dag beschikbaar, als math italic.
    </abstract>
</bibentry>

<bibentry type='article' id='13-21' language='EN'>
    <title>The new &latex;: &latex;2e</title>
    <published volume='13' year='1994' pages='57' size='14'>
      <journal>MAPS</journal>
    </published>
    <abstract>
    The &latex;3 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.
    </abstract>
</bibentry>

<bibentry type='article' id='13-22' language='EN'>
    <title>Document Classes and Packages for &latex;2e</title>
    <author>
      <au index='braamsj'><fn>Johannes</fn><sn>Braams</sn></au>
    </author>
    <published volume='13' year='1994' pages='58-64' size='101'>
      <journal>MAPS</journal>
    </published>
    <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 &latex;2e
    is described. Finally I give an overview of the standard packages and document classes that are part of
    the distribution of &latex;2e.
    </abstract>
</bibentry>

<bibentry type='article' id='13-23' language='EN'>
    <title>How to make your own document style in &latex;2e</title>
    <author>
      <au index='langmyhrd'><fn>Dag</fn><sn>Langmyhr</sn></au>
    </author>
    <published volume='13' year='1994' pages='65-72' size='164'>
      <journal>MAPS</journal>
    </published>
    <keywords>
      <key>&latex;2e</key>
      <key>document class design</key>
      <key>document class implementation</key>
      <key>lecture notes</key>
    </keywords>
    <abstract>
    The new &latex;2e makes it very easy to create new document classes. This paper describes how to use the
    new features of &latex;2e. The class 'lecnotes' -- a document class suitable for lecture notes -- is used
    as an example.
    </abstract>
</bibentry>

<bibentry type='article' id='13-24' language='EN'>
    <title>A Guide to use Macros and Style Files in &latex;</title>
```

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      <author>
        <au index='tetsuoi'><fn>Tetsuo</fn><sn>Iwakumay</sn></au>
        <au index='tetsuof'><fn>Tetsuo</fn><sn>Furukawa</sn></au>
      </author>
      <published volume='13' year='1994' pages='73-110' size='798'>
        <journal>MAPS</journal>
      </published>
      <keywords>
        <key>&latex;2.09</key>
        <key>optional style files</key>
      </keywords>
      <abstract>
      People may not need to read this article any more if &latex;2e has been completed. But since this is some-
      how 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;.
      </abstract>
  </bibentry>

  <bibentry type='article' id='13-25' language='NL'>
      <title>Een proefschrift zonder knippen en plakken</title>
      <author>
        <au index='haandeh'><fn>Henk</fn><prf>de</prf><sn>Haan</sn></au>
      </author>
      <published volume='13' year='1994' pages='111-114' size='199'>
        <journal>MAPS</journal>
      </published>
      <abstract>
      &latex; wordt voor veel verschillende soorten drukwerk gebruikt. In dit artikel wordt het vormgeven van
      een proefschrift met behulp van &latex;2e beschreven. Hierbij spelen de persoonlijke voorkeuren van de
      auteur een belangrijke rol, zonder dat daarbij de krachtige mogelijkheden van &latex; onbenut blijven.
      </abstract>
  </bibentry>

  <bibentry type='article' id='13-26' language='NL'>
      <title>&tex;: buitengewoon goed tekstverwerken</title>
      <author>
        <au index='renkemah'><fn>Hans</fn><sn>Renkema</sn></au>
      </author>
      <published volume='13' year='1994' pages='115-117' size='88'>
        <journal>MAPS</journal>
      </published>
      <abstract>
      In bepaalde kringen is het tekstverwerkingsprogramma (of beter: het zetsysteem) &tex; bijzonder popu-
      lair. 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;.
      </abstract>
  </bibentry>

  <bibentry type='article' id='13-27' language='NL'>
      <title>&tex; en SGML bij Elsevier Science</title>
      <author>
        <au index='peppings'><fn>Simon</fn><sn>Pepping</sn></au>
      </author>
      <published volume='13' year='1994' pages='118-122' size='66'>
        <journal>MAPS</journal>
      </published>
      <keywords>
        <key>Elsevier</key>
        <key>electronic publishing</key>
        <key>&latex;</key>
        <key>SGML</key>
      </keywords>
      <abstract>
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      Dit artikel beschrijft enkele aspecten van Elsevier Science's electronic publishing programma. Alle ti-
      jdschriften in de Physics en Mathematics uitgeefprogramma's accepteren &latex; files van auteurs en ge-
      bruiken 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 gestruktureerd 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.
   </abstract>
</bibentry>

<bibentry type='article' id='13-28' language='EN'>
   <title>Real life book production -- lessons learned from 'The &latex; Companion'</title>
   <author>
     <au index='goossensm'><fn>Michel</fn><sn>Goossens</sn></au>
     <au index='mittelbachf'><fn>Frank</fn><sn>Mittelbach</sn></au>
   </author>
   <published volume='13' year='1994' pages='123-126' size='48'>
     <journal>MAPS</journal>
   </published>
   <abstract>
   Some aspects of the production of The &latex; Companion are described.
   </abstract>
</bibentry>

<bibentry type='article' id='13-29' language='EN'>
   <title>Headers and footers in &latex;</title>
   <author>
     <au index='oostrumvanp'><fn>Piet</fn><prf>van</prf><sn>Oostrum</sn></au>
   </author>
   <published volume='13' year='1994' pages='127-135' size='96'>
     <journal>MAPS</journal>
   </published>
   <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 FANCY-
   HEADINGS package. This article describes how to create advanced page headers and footers in &latex; docu-
   ments by using this package. Some of the techniques described are also applicable with other page styles.
   </abstract>
</bibentry>

<bibentry type='article' id='13-30' language='NL'>
   <title>METAFONT als matrixprinter</title>
   <author>
     <au index='bloemenp'><fn>Phons</fn><sn>Bloemen</sn></au>
   </author>
   <published volume='13' year='1994' pages='136-138' size='114'>
     <journal>MAPS</journal>
   </published>
   <keywords>
     <key>METAFONT</key>
   </keywords>
   <abstract>
   Een verslagje van een stoeipartij met METAFONT, waarbij METAFONT wordt 'misbruikt' als matrixprinter.
   Door alleen de vorm van de 'printnaalden' te defini&euml;ren, en een beperkt aantal plaatsen waar ze neer
   mogen komen, kun je heel snel een font in elkaar zetten.
   </abstract>
</bibentry>

<bibentry type='article' id='13-31' language='EN'>
   <title>PostScript fonts in &tex;</title>
   <author>
     <au index='bloemenp'><fn>Phons</fn><sn>Bloemen</sn></au>
   </author>
   <published volume='13' year='1994' pages='139-148' size='131'>
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    </published>
    <keywords>
      <key>PostScript fonts</key>
      <key>automated font generation</key>
      <key>font installation</key>
    </keywords>
    <abstract>
    A guide through the jungle of installing and using PostScript and other types of fonts in &tex;. The in-
    stallation of the font is discussed, and it is shown how to use the fonts in an automatic font generation
    scheme.
    </abstract>
</bibentry>

<bibentry type='article' id='13-32' language='EN'>
    <title>(Al)Dra&tex;, a package for doing (portable) graphics in &tex;</title>
    <author>
      <au index='winninkj'><fn>Jos</fn><sn>Winnink</sn></au>
    </author>
    <published volume='13' year='1994' pages='149-152' size='148'>
      <journal>MAPS</journal>
    </published>
    <keywords>
      <key>graphics</key>
      <key>&tex;</key>
      <key>&latex;</key>
      <key>Dra&tex;</key>
    </keywords>
    <abstract>
    Eitan Gurari's graphics package for (La)&tex; is discucced.
    </abstract>
</bibentry>

<bibentry type='article' id='13-33' language='NL'>
    <title>Plaatjes in een tekst</title>
    <author>
      <au index='fokkej'><fn>Jeroen</fn><sn>Fokke</sn></au>
      <au index='oostrumvanp'><fn>Piet</fn><prf>van</prf><sn>Oostrum</sn></au>
    </author>
    <published volume='13' year='1994' pages='153-166' size='495'>
      <journal>MAPS</journal>
    </published>
    <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.
    </abstract>
</bibentry>

<bibentry type='article' id='13-34' language='NL'>
    <title>PPCH&tex;: Chemische Structuurformules in &tex;</title>
    <author>
      <au index='hagenj'><fn>Hans</fn><sn>Hagen</sn></au>
      <au index='ottena'><fn>Ton</fn><sn>Otten</sn></au>
    </author>
    <published volume='13' year='1994' pages='167-177' size='201'>
      <journal>MAPS</journal>
    </published>
    <keywords>
      <key>&context; chemics</key>
      <key>PPCH&tex;</key>
      <key>chemical formulas</key>
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```xml
    <key>structure formulas</key>
  </keywords>
  <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;.<br/> This article is about a package for typesetting chem-
  ical 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.
  </abstract>
</bibentry>

<bibentry type='article' id='13-35' language='NL'>
  <title>Een meertalige interface naar &tex;</title>
  <author>
    <au index='hagenj'><fn>Hans</fn><sn>Hagen</sn></au>
  </author>
  <published volume='13' year='1994' pages='178-182' size='61'>
    <journal>MAPS</journal>
  </published>
  <keywords>
    <key>interface</key>
    <key>user interface</key>
    <key>multilingual interface</key>
    <key>&context; interface</key>
  </keywords>
  <abstract>
  Macropakketten voor &tex; zijn vrijwel altijd Engelstalig. In dit artikel wordt een meertalige interface
  beschreven, zoals die is toegepast in PPCH&tex;, een pakket dat kan worden gebruikt om chemische structu-
  urformules te zetten.
  </abstract>
</bibentry>

<bibentry type='article' id='13-36' language='NL'>
  <title>Sub- en Superscripts in Chemische Formules</title>
  <author>
    <au index='hagenj'><fn>Hans</fn><sn>Hagen</sn></au>
  </author>
  <published volume='13' year='1994' pages='183' size='31'>
    <journal>MAPS</journal>
  </published>
  <keywords>
    <key>superscript alignment</key>
    <key>subscript alignment</key>
    <key>PPCH&tex;</key>
    <key>font dimensions</key>
  </keywords>
  <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.
  </abstract>
</bibentry>

<bibentry type='article' id='13-37' language='NL'>
  <title>MIDI2&tex;, een Music&tex; tool</title>
  <author>
    <au index='kuykensh'><fn>Hans</fn><sn>Kuykens</sn></au>
  </author>
  <published volume='13' year='1994' pages='184-188' size='81'>
    <journal>MAPS</journal>
  </published>
</bibentry>

<bibentry type='article' id='13-38' language='EN'>
  <title>BLUe's Format</title>
  <author>
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    <au index='laanvanderc'><fn>Kees</fn><prf>van der</prf><sn>Laan</sn></au>
  </author>
  <published volume='13' year='1994' pages='189-199' size='137'>
    <journal>MAPS</journal>
  </published>
  <keywords>
    <key>active documents</key>
    <key>design</key>
    <key>documentation</key>
    <key>error handling</key>
    <key>floats</key>
    <key>format</key>
    <key>inner versus outer world</key>
    <key>inserts</key>
    <key>lifephases formats</key>
    <key>markup language</key>
    <key>plain &tex;</key>
    <key>scripts</key>
    <key>software engineering</key>
    <key>reusable software parts</key>
    <key>style</key>
    <key>transparencies</key>
  </keywords>
  <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.
  </abstract>
</bibentry>

<bibentry type='article' id='13-39' language='EN'>
  <title>BLUe's Graphs</title>
  <author>
    <au index='laanvanderc'><fn>Kees</fn><prf>van der</prf><sn>Laan</sn></au>
  </author>
  <published volume='13' year='1994' pages='200-206' size='82'>
    <journal>MAPS</journal>
  </published>
  <keywords>
    <key>circle</key>
    <key>curve</key>
    <key>databases</key>
    <key>disks</key>
    <key>graphics</key>
    <key>format</key>
    <key>lines</key>
    <key>pictures</key>
    <key>plain &tex;</key>
    <key>reusable software parts</key>
    <key>selective loading</key>
    <key>software engineering</key>
    <key>splines</key>
    <key>vectors</key>
  </keywords>
  <abstract>
  Graphics facilities for plain &tex; have been collected from The &tex;book, manmac and gkpmac, as part
  of blue.fmt. The gkpmac picture macros are handy and provide a subset of &latex;'s functionality. A
```

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    </abstract>
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<bibentry type='book' id='maps14' language='NL/EN'>
  <title>MAPS 95.1</title>
  <editor index='nesgvan'><fn>Gerard</fn><prf>van</prf><sn>Nes</sn></editor>
  <published volume='14' year='1995' pages='1-217' size='3540'>
    <series>MAPS</series>
    <publisher>NTG</publisher>
  </published>
  <keywords>
    <key>NTG</key>
    <key>MAPS</key>
    <key>Minutes &amp; Appendices</key>
  </keywords>
  <abstract>
  NTG's magazine
  </abstract>
</bibentry>

<bibentry type='verslag' id='14-1' language='NL'>
  <title>Verslag (1995/1)</title>
  <author>
    <au index='goddijnf'><fn>Frans</fn><sn>Goddijn</sn></au>
  </author>
  <published volume='14' year='1995' pages='1-4' size='66'>
    <journal>MAPS</journal>
  </published>
  <keywords>
    <key>report</key>
    <key>members meeting</key>
  </keywords>
  <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; Voor-
  drachten; Volgende bijeenkomsten
  </abstract>
</bibentry>

<bibentry type='message' id='14-2' language='NL'>
  <title>Het weten waard</title>
  <published volume='14' year='1995' pages='5-6' size='46'>
    <journal>MAPS</journal>
  </published>
</bibentry>

<bibentry type='message' id='14-3' language='NL'>
  <title>Van de Voorzitter (1995/1)</title>
  <author>
    <au index='braamsj'><fn>Johannes</fn><sn>Braams</sn></au>
  </author>
  <published volume='14' year='1995' pages='7' size='14'>
    <journal>MAPS</journal>
  </published>
  <keywords>
    <key>chairman</key>
  </keywords>
</bibentry>

<bibentry type='message' id='14-4' language='NL'>
  <title>Van uw MAPS Editor (1995)</title>
  <author>
    <au index='nesgvan'><fn>Gerard</fn><prf>van</prf><sn>Nes</sn></au>
  </author>
  <published volume='14' year='1995' pages='8-10' size='58'>
    <journal>MAPS</journal>
  </published>
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<bibentry type='message' id='14-5' language='NL'>
  <title>Concept begroting 1995</title>
  <author>
    <au index='dolw'><fn>Wietse</fn><sn>Dol</sn></au>
  </author>
  <published volume='14' year='1995' pages='11-12' size='33'>
    <journal>MAPS</journal>
  </published>
  <keywords>
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  </keywords>
</bibentry>

<bibentry type='message' id='14-6' language='NL'>
  <title>Financieel verslag NTG 1994</title>
  <author>
    <au index='dolw'><fn>Wietse</fn><sn>Dol</sn></au>
  </author>
  <published volume='14' year='1995' pages='13-14' size='38'>
    <journal>MAPS</journal>
  </published>
  <keywords>
    <key>financial report</key>
  </keywords>
</bibentry>

<bibentry type='message' id='14-7' language='NL'>
  <title>Jaarverslag NTG 1994</title>
  <author>
    <au index='nesgvan'><fn>Gerard</fn><prf>van</prf><sn>Nes</sn></au>
  </author>
  <published volume='14' year='1995' pages='15-17' size='47'>
    <journal>MAPS</journal>
  </published>
  <keywords>
    <key>report NTG</key>
  </keywords>
</bibentry>

<bibentry type='message' id='14-8' language='EN'>
  <title>From the TUG President</title>
  <author>
    <au index='thielec'><fn>Christina</fn><sn>Thiele</sn></au>
  </author>
  <published volume='14' year='1995' pages='18' size='21'>
    <journal>MAPS</journal>
  </published>
</bibentry>

<bibentry type='article' id='14-9' language='NL'>
  <title>Op FGBBS vaart alles wel</title>
  <author>
    <au index='goddijnf'><fn>Frans</fn><sn>Goddijn</sn></au>
  </author>
  <published volume='14' year='1995' pages='19-20' size='20'>
    <journal>MAPS</journal>
  </published>
  <keywords>
    <key>FGBBS</key>
    <key>bulletin board</key>
    <key>statistics</key>
    <key index='fouralltex'>4all&tex;</key>
    <key>OS/2</key>
  </keywords>
  <abstract>
```

```
      FGBBS kreeg weer de nodige uitbreidingen, waarvan een sneller modem het meest merkbaar is.
    </abstract>
</bibentry>

<bibentry type='message' id='14-10' language='NL'>
  <title>&tex;-NL discussielijst</title>
  <author>
    <au index='weerdenjvan'><fn>Jules</fn><prf>van</prf><sn>Weerden</sn></au>
  </author>
  <published volume='14' year='1995' pages='21' size='15'>
    <journal>MAPS</journal>
  </published>
  <keywords>
    <key>listserver</key>
    <key>TEX-NL</key>
  </keywords>
  <abstract>
  Overzicht gebruikers listserver.
    </abstract>
</bibentry>

<bibentry type='article' id='14-11' language='NL'>
  <title>De NTG op het World Wide Web</title>
  <author>
    <au index='haandeh'><fn>Henk</fn><prf>de</prf><sn>Haan</sn></au>
  </author>
  <published volume='14' year='1995' pages='22-23' size='70'>
    <journal>MAPS</journal>
  </published>
  <keywords>
    <key>NTG</key>
    <key>internet</key>
    <key>WWW</key>
    <key>WWW</key>
  </keywords>
  <abstract>
  Het internet is een van de meest snel groeiende elektronische media. Dit is mede te danken aan het zoge-
  naamde World Wide Web (WWW). In dit artikel wordt ingegaan op de functie van het Word Wide Web, het ge-
  bruikte 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.
    </abstract>
</bibentry>

<bibentry type='article' id='14-12' language='EN'>
  <title>General information 3rd edition of the 4all&tex; CD-ROM</title>
  <published volume='14' year='1995' pages='24-26' size='38'>
    <journal>MAPS</journal>
  </published>
</bibentry>

<bibentry type='message' id='14-13' language='EN'>
  <title>Some Announcements from Usenet</title>
  <author>
    <au index='nesgvan'><fn>Gerard</fn><prf>van</prf><sn>Nes</sn></au>
  </author>
  <published volume='14' year='1995' pages='27-29' size='47'>
    <journal>MAPS</journal>
  </published>
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<bibentry type='message' id='14-14' language='EN'>
  <title>Announcement from the &latex;3 Project Team</title>
  <author>
    <au index='mittelbachf'><fn>Frank</fn><sn>Mittelbach</sn></au>
  </author>
  <published volume='14' year='1995' pages='30' size='12'>
    <journal>MAPS</journal>
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    </published>
    <abstract>
    We are pleased to present the final report on 'Math Font Encoding' produced by Justin Ziegler for the
    &latex;3 project.
    </abstract>
</bibentry>

<bibentry type='article' id='14-15' language='EN'>
    <title>Diplomatic edition of a medieval Icelandic manuscript</title>
    <author>
      <au index='leeuwvanweenendea'><fn>Andrea</fn><prf>de Leeuw van</prf><sn>Weenen</sn></au>
    </author>
    <published volume='14' year='1995' pages='31-34' size='278'>
      <journal>MAPS</journal>
    </published>
</bibentry>

<bibentry type='article' id='14-16' language='NL'>
    <title>Het digitaal produceren van een proefschrift</title>
    <author>
      <au index='boetse'><fn>Ed</fn><sn>Boets</sn></au>
    </author>
    <published volume='14' year='1995' pages='35-36' size='27'>
      <journal>MAPS</journal>
    </published>
    <keywords>
      <key>thesis</key>
      <key>Docutech</key>
      <key index='fouralltex'>4all&tex;</key>
    </keywords>
    <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.
    </abstract>
</bibentry>

<bibentry type='article' id='14-17' language='EN'>
    <title>METAFONT's mode_def in action</title>
    <author>
      <au index='frambache'><fn>Erik</fn><sn>Frambach</sn></au>
    </author>
    <published volume='14' year='1995' pages='37-39' size='57'>
      <journal>MAPS</journal>
    </published>
    <keywords>
      <key>METAFONT</key>
      <key>mode_def</key>
      <key>bitmapped fonts</key>
    </keywords>
    <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.
    </abstract>
</bibentry>

<bibentry type='article' id='14-18' language='EN'>
    <title>Combining &tex; and PostScript</title>
    <author>
      <au index='batageljv'><fn>Vladimir</fn><sn>Batagelj</sn></au>
    </author>
    <published volume='14' year='1995' pages='40-46' size='132'>
      <journal>MAPS</journal>
    </published>
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    <keywords>
      <key>PostScript</key>
      <key>inclusion of graphics</key>
      <key>dictionaries</key>
      <key>error handling</key>
    </keywords>
    <abstract>
    PostScript is becoming a de facto standard as a device independent page description language. By embed-
    ding 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:
      <itemize>
        <item>dictionaries, prolog files and how to save a lot of space with PostScript figures produced in
        CorelDRAW, Mathematica, ...;</item>
        <item>writing &tex;-PostScript macros, case: drawing graphs (combinatorics) in &tex;; PostScript
        error handling mechanism, an application in function graph drawing macro.</item>
      </itemize>
    </abstract>
</bibentry>

<bibentry type='article' id='14-19' language='EN'>
  <title>Portable Documents: Why Use SGML?</title>
  <author>
    <au index='barrond'><fn>David</fn><sn>Barron</sn></au>
  </author>
  <published volume='14' year='1995' pages='47-48' size='24'>
    <journal>MAPS</journal>
  </published>
  <abstract>
  In this article we present a few ideas as a framework for the discussion of portable documents. We address
  a number of questions:
    <itemize>
      <item>What are portable documents?</item>
      <item>Who needs them, and why?</item>
      <item>How to produce them, now and in the future.</item>
    </itemize>
  </abstract>
</bibentry>

<bibentry type='article' id='14-20' language='EN'>
  <title>Formatting SGML Manuscripts</title>
  <author>
    <au index='finej'><fn>Jonathan</fn><sn>Fine</sn></au>
  </author>
  <published volume='14' year='1995' pages='49-52' size='90'>
    <journal>MAPS</journal>
  </published>
  <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 in-
  stance using SIMSIM.
  </abstract>
</bibentry>

<bibentry type='article' id='14-21' language='EN'>
  <title>SGML and &latex;</title>
  <author>
    <au index='szillath'><fn>Horst</fn><sn>Szillat</sn></au>
  </author>
  <published volume='14' year='1995' pages='53-55' size='38'>
    <journal>MAPS</journal>
  </published>
  <abstract>
  SGML -- Standard Generalized Markup Language -- is a formal language to describe structured text docu-
  ments. It should be introduced here by comparison to &tex; and &latex;.
  </abstract>
```

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<bibentry type='article' id='14-22' language='EN'>
  <title>HTML &amp; &tex;: Making them sweat</title>
  <author>
    <au index='flynnp'><fn>Peter</fn><sn>Flynn</sn></au>
  </author>
  <published volume='14' year='1995' pages='56-60' size='53'>
    <journal>MAPS</journal>
  </published>
  <abstract>
  HTML is often criticised fo its presentation-oriented conception. But it does contain sufficient struc-
  tural 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.
  </abstract>
</bibentry>

<bibentry type='article' id='14-23' language='EN'>
  <title>The Inside Story of Life at Wiley with SGML, &latex; and Acrobat</title>
  <author>
    <au index='grangerg'><fn>Geeti</fn><sn>Granger</sn></au>
  </author>
  <published volume='14' year='1995' pages='61-63' size='41'>
    <journal>MAPS</journal>
  </published>
</bibentry>

<bibentry type='article' id='14-24' language='EN'>
  <title>Theory into Practice: working with SGML, PDF and &latex; at Elsevier Science</title>
  <author>
    <au index='keym'><fn>Martin</fn><sn>Key</sn></au>
  </author>
  <published volume='14' year='1995' pages='64-66' size='30'>
    <journal>MAPS</journal>
  </published>
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<bibentry type='article' id='14-25' language='NL'>
  <title>&latex;2HTML Update'95</title>
  <author>
    <au index='drakosn'><fn>Nikos</fn><sn>Drakos</sn></au>
  </author>
  <published volume='14' year='1995' pages='67-68' size='33'>
    <journal>MAPS</journal>
  </published>
  <abstract>
  A new version of &latex;2HTML (version 95.1) is available since January 1995. This article outlines some
  of the main changes.
  </abstract>
</bibentry>

<bibentry type='article' id='14-26' language='NL'>
  <title>&latex;2HTML ervaringen; Van Handleiding in &latex; tot Hulp Module op Internet</title>
  <author>
    <au index='kempermana'><fn>Arno</fn><sn>Kemperman</sn></au>
  </author>
  <published volume='14' year='1995' pages='69-73' size='117'>
    <journal>MAPS</journal>
  </published>
  <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 &latex;2HTML beschreven waarbij een &latex; document wordt omgezet naar een reeks goed gestruc-
  tueerde pagina's op het World-Wide Web. Deze toepassing betreft een document die een handleiding is voor
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      Internet-gebruikers (voornamelijk voor medewerkers van Laboratoriumvoor Analytische Chemie, KUN, Ni-
      jmegen). Er worden wat voordelen en voorbeelden van het &latex;2HTML gebruik gegeven en hoe je het pro-
      gramma 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:
      &latex;2HTML2!
    </abstract>
</bibentry>

<bibentry type='article' id='14-27' language='EN'>
    <title>Electronic Publication and Data Distribution for the Five College Astronomy Department</title>
    <author>
      <au index='stromk'><fn>Karen</fn><sn>Strom</sn></au>
    </author>
    <published volume='14' year='1995' pages='74-76' size='74'>
      <journal>MAPS</journal>
    </published>
    <keywords>
      <key>electronic publishing</key>
      <key>thesis</key>
      <key>WWW</key>
      <key>preprints</key>
      <key>data distribution</key>
    </keywords>
    <abstract>
    The Star Formation Group at FCAD has begun to make use of the World Wide Web to explore the advantages of
    hypermedia presentations for the distribution of preprints, Ph. D. theses and observatory publications.
    As a byproduct of this work, a method for displaying subscripts and superscripts has been developed. This
    set of bitmaps is publically available.
    </abstract>
</bibentry>

<bibentry type='article' id='14-28' language='EN'>
    <title>A World Wide Web Interface to CTAN</title>
    <author>
      <au index='walshn'><fn>Norman</fn><sn>Walsh</sn></au>
    </author>
    <published volume='14' year='1995' pages='77-82' size='204'>
      <journal>MAPS</journal>
    </published>
    <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 allevi-
    ate 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.
    </abstract>
</bibentry>

<bibentry type='article' id='14-29' language='EN'>
    <title>An Introduction to Hyper&tex;</title>
    <author>
      <au index='smitha'><fn>Arthur</fn><sn>Smith</sn></au>
    </author>
    <published volume='14' year='1995' pages='83-86' size='57'>
      <journal>MAPS</journal>
    </published>
    <keywords>
      <key>hyper&tex;</key>
      <key>hyperlink</key>
      <key>xhdvi</key>
      <key>HTML</key>
      <key index='speciala'>\special</key>
    </keywords>
    <abstract>
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    </published>
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  <bibentry type='article' id='14-33' language='EN'>
    <title>Conversion from WORD/WordPerfect to &latex;</title>
    <author>
      <au index='neubauerm'><fn>Marion</fn><sn>Neubauer</sn></au>
    </author>
    <published volume='14' year='1995' pages='120-124' size='79'>
      <journal>MAPS</journal>
    </published>
    <keywords>
      <key>conversion</key>
      <key>MS-WORD</key>
      <key>WinWord</key>
      <key>WordPerfect</key>
      <key>RTF</key>
    </keywords>
    <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 encoun-
    tered during text conversion into &latex; will be discussed. The conversion can be done either by means
    of a seperate program (external conversion) or using macros, style sheets and a printer driver from with-
    in the word processors (internal conversion). Advantages and disadvantages of both methods for differ-
    ent 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.
    </abstract>
  </bibentry>

  <bibentry type='article' id='14-34' language='NL'>
    <title>&tex;tures: zo goed als gezegd wordt?</title>
    <author>
      <au index='renkemah'><fn>Hans</fn><sn>Renkema</sn></au>
    </author>
    <published volume='14' year='1995' pages='125-126' size='31'>
      <journal>MAPS</journal>
    </published>
  </bibentry>

  <bibentry type='article' id='14-35' language='EN'>
    <title>Scientific Word / Workplace 2.0.1; Whats new?</title>
    <author>
      <au index='krugersj'><fn>Jan</fn><sn>Krugers</sn></au>
    </author>
    <published volume='14' year='1995' pages='127-128' size='35'>
      <journal>MAPS</journal>
    </published>
    <keywords>
      <key>Scientific Word</key>
      <key>WYSIWYG</key>
      <key>Windows</key>
      <key>OS2WIN</key>
    </keywords>
    <abstract>
    Scientific Word version 1.x from TCI Software Research has gotten improvements and an offspring. The im-
    provements are not only better support for different &latex; styles and dialects but also more user conve-
    niences 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 un-
    der OS/2 Warp with all its speed and data exchange advantages.
    </abstract>
  </bibentry>
```

```xml
<bibentry type='article' id='14-36' language='NL'>
  <title>Scientific WorkPlace; een eerste indruk</title>
  <author>
    <au index='fortuinc'><fn>Cees</fn><sn>Fortuin</sn></au>
  </author>
  <published volume='14' year='1995' pages='129-130' size='42'>
    <journal>MAPS</journal>
  </published>
  <abstract>
  Het pakket SCIENTIFIC WORKPLACE. versie 2.0(SWP), vroeger Scientific Word, is een uitgebreide versie van
  een 'WhatYouSeeIsWhatYouGet' tekstverwerker gebaseerd op &latex;2e 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 8MBintern 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.
  </abstract>
</bibentry>

<bibentry type='article' id='14-37' language='NL'>
  <title>Kleurgebruik in TABLE</title>
  <author>
    <au index='hagenj'><fn>Hans</fn><sn>Hagen</sn></au>
  </author>
  <published volume='14' year='1995' pages='131-136' size='64'>
    <journal>MAPS</journal>
  </published>
  <keywords>
    <key index='tablea'>\TaBlE</key>
    <key>color tables</key>
    <key>tables color</key>
    <key>&context; tables</key>
  </keywords>
  <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 voor-
  bij aan de esthetische kant van de zaak.
  </abstract>
</bibentry>

<bibentry type='article' id='14-38' language='NL'>
  <title>&tex;-verwerking in kleur</title>
  <author>
    <au index='hagenj'><fn>Hans</fn><sn>Hagen</sn></au>
  </author>
  <published volume='14' year='1995' pages='137-138' size='23'>
    <journal>MAPS</journal>
  </published>
  <keywords>
    <key>&tex; visualizing</key>
    <key>editing colored &tex;</key>
    <key>color &tex; visualization</key>
  </keywords>
  <abstract>
  Vooral beginnende &tex;-gebruikers ervaren de mix van commando's en tekst als verwarrend. Mede om die re-
  den 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 mogeli-
  jkheden om de syntax te controleren, het aantal fouten in commando's drastisch afneemt.
  </abstract>
</bibentry>

<bibentry type='article' id='14-39' language='NL'>
  <title>Een zwart-wit kijk op kleur</title>
  <author>
    <au index='hagenj'><fn>Hans</fn><sn>Hagen</sn></au>
```

```xml
    <au index='jonkerj'><fn>Johan</fn><sn>Jonker</sn></au>
  </author>
  <published volume='14' year='1995' pages='139-145' size='376'>
    <journal>MAPS</journal>
  </published>
  <keywords>
    <key>color gray conversion</key>
    <key>color gray printing</key>
    <key>color optimizing use</key>
    <key>&context; color palets</key>
  </keywords>
  <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.
  </abstract>
</bibentry>

<bibentry type='article' id='14-40' language='NL'>
  <title>Genezen van WPosis -- nu heb ik chronische &tex;itis...</title>
  <author>
    <au index='haverkorth'><fn>Herman</fn><sn>Haverkort</sn></au>
  </author>
  <published volume='14' year='1995' pages='146-148' size='75'>
    <journal>MAPS</journal>
  </published>
  <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 er-
  varingen 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.
  </abstract>
</bibentry>

<bibentry type='article' id='14-41' language='EN'>
  <title>HH Gets Carried Away; hhmuf, hhflxbox and hhcount</title>
  <author>
    <au index='haverkorth'><fn>Herman</fn><sn>Haverkort</sn></au>
  </author>
  <published volume='14' year='1995' pages='149-155' size='137'>
    <journal>MAPS</journal>
  </published>
  <keywords>
    <key>circle</key>
    <key>counter</key>
    <key>dice</key>
    <key>footnote</key>
    <key>forbidden environment</key>
    <key>frame</key>
    <key>index</key>
  </keywords>
  <abstract>
  This article presents hhmuf's multinotes: special cheery footnotes to be used in special situations, in-
  cluding 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.
  </abstract>
</bibentry>
```

```
<bibentry type='article' id='14-42' language='EN'>
  <title>The Scenario -- in Three Versions; hhparmrk does it</title>
  <author>
    <au index='haverkorth'><fn>Herman</fn><sn>Haverkort</sn></au>
    <au index='goddijnf'><fn>Frans</fn><sn>Goddijn</sn></au>
  </author>
  <published volume='14' year='1995' pages='156-162' size='129'>
    <journal>MAPS</journal>
  </published>
  <keywords>
    <key>paragraph</key>
    <key>mark</key>
    <key>distribution</key>
    <key>select</key>
  </keywords>
  <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 &latex;2e, hhparmrk, which facilitates
  this by offering the possibility to set various signs next to paragraphs. This article presents hhparm-
  rk, gives examples of its use and a short manual. For the hackers among us some of the &tex;nical tricks
  involved behind the scenes are glanced at.
  </abstract>
</bibentry>

<bibentry type='article' id='14-43' language='EN'>
  <title>Sorting in &tex;'s Mouth</title>
  <author>
    <au index='raichleb'><fn>Bernd</fn><sn>Raichle</sn></au>
  </author>
  <published volume='14' year='1995' pages='163-168' size='81'>
    <journal>MAPS</journal>
  </published>
  <keywords>
    <key>expansion</key>
    <key>sorting</key>
    <key>algorithms</key>
  </keywords>
  <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 al-
  gorithms 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 &tex;niques.
  </abstract>
</bibentry>

<bibentry type='article' id='14-44' language='EN'>
  <title>One by one the guests arrive</title>
  <author>
    <au index='laanvanderc'><fn>Kees</fn><prf>van der</prf><sn>Laan</sn></au>
  </author>
  <published volume='14' year='1995' pages='169' size='23'>
    <journal>MAPS</journal>
  </published>
  <keywords>
    <key>philosophy</key>
    <key>plain &tex;</key>
  </keywords>
  <abstract>
  A plea is made for writing macros in plain &tex; sufficiently documented to be used with all flavours of
  &tex;.
  </abstract>
</bibentry>

<bibentry type='article' id='14-45' language='EN'>
  <title>BLUe's Format Databases</title>
```

```xml
    <author>
      <au index='laanvanderc'><fn>Kees</fn><prf>van der</prf><sn>Laan</sn></au>
    </author>
    <published volume='14' year='1995' pages='170-177' size='102'>
      <journal>MAPS</journal>
    </published>
    <keywords>
      <key>active list separators</key>
      <key>addresses</key>
      <key>comment blocks</key>
      <key>compatible extension</key>
      <key>data integrity</key>
      <key>databases</key>
      <key>FIFO</key>
      <key>lazy evaluation</key>
      <key>list element tag</key>
      <key>mail-merge</key>
      <key>number ranges</key>
      <key>pattern matching</key>
      <key>pictures</key>
      <key>plain &tex;</key>
      <key>references</key>
      <key>reusable software parts</key>
      <key>searching</key>
      <key>selective loading</key>
      <key>set macros</key>
      <key>software engineering</key>
      <key>table of contents</key>
      <key>variant document parts</key>
    </keywords>
    <abstract>
    The backgrounds, use, and coding of BLUe's Format Databases have been discussed. Two kinds of databas-
    es have been introduced class I (data, such as addresses, references, and script parts for example pic-
    tures), and class II (macros, such as variant formats and tools). At the heart lies the selective loading
    &tex;nique, which allows that only what is needed will be loaded on-the-fly. The data structures and op-
    erations on them have been treated. The use within the &context; of typesetting scripts have been eluci-
    dated via examples. At the end the coding is explained.
    </abstract>
</bibentry>

<bibentry type='article' id='14-46' language='EN'>
    <title>BLUe's Index</title>
    <author>
      <au index='laanvanderc'><fn>Kees</fn><prf>van der</prf><sn>Laan</sn></au>
    </author>
    <published volume='14' year='1995' pages='178-186' size='117'>
      <journal>MAPS</journal>
    </published>
    <keywords>
      <key>compatible extension</key>
      <key>index</key>
      <key>number ranges</key>
      <key>one-pass job</key>
      <key>ordering table</key>
      <key>plain &tex;</key>
      <key>reusable software parts</key>
      <key>software engineering</key>
      <key>sort keys</key>
    </keywords>
    <abstract>
    The creation of a modest index within a one-pass &tex; job is proposed. In general a proof run and a fi-
    nal run are needed. The markup for the index entries is the same as used by Knuth for The &tex;book. The
    process is controlled by the tags:<tt>\sortindex</tt> and<tt>\pasteupindex</tt>. The file which emerges
    after<tt>\sortindex</tt> 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.
</bibentry>

<bibentry type='article' id='14-47' language='EN'>
    <title>BLUe's Letters</title>
    <author>
        <au index='laanvanderc'><fn>Kees</fn><prf>van der</prf><sn>Laan</sn></au>
    </author>
    <published volume='14' year='1995' pages='187-192' size='73'>
        <journal>MAPS</journal>
    </published>
    <keywords>
        <key>active list separators</key>
        <key>addresses</key>
        <key>compatible extension</key>
        <key>databases</key>
        <key>data integrity</key>
        <key>FIFO</key>
        <key>lazy evaluation</key>
        <key>letter</key>
        <key>list element tag</key>
        <key>mail-merge</key>
        <key>pattern matching</key>
        <key>plain &tex;</key>
        <key>reusable software parts</key>
        <key>set macros</key>
        <key>software engineering</key>
    </keywords>
    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.
</bibentry>

<bibentry type='article' id='14-48' language='EN'>
    <title>BLUe's Reports</title>
    <author>
        <au index='laanvanderc'><fn>Kees</fn><prf>van der</prf><sn>Laan</sn></au>
    </author>
    <published volume='14' year='1995' pages='193-199' size='81'>
        <journal>MAPS</journal>
    </published>
    <keywords>
        <key>active list separators</key>
        <key>compatible extension</key>
        <key>databases</key>
        <key>data integrity</key>
        <key>FIFO</key>
        <key>house style</key>
        <key>lazy evaluation</key>
        <key>list element tag</key>
        <key>pattern matching</key>
        <key>plain &tex;</key>
        <key>reusable software parts</key>
        <key>separation of concerns</key>
        <key>set macros</key>
        <key>software engineering</key>
    </keywords>
    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

```xml
    with not only using titles but also reusing the titles for table of contents, list of examples, and run-
    ning headlines the preliminary pages and cover pages which are absent with the default note format appen-
    dices may contain collected information from the script such as answer to the exercises (similar as in The
    &tex;book), table of examples, table of contents, and an index.
  </abstract>
</bibentry>

<bibentry type='article' id='14-49' language='EN'>
  <title>Paradigms: Two-part macros</title>
  <author>
    <au index='laanvanderc'><fn>Kees</fn><prf>van der</prf><sn>Laan</sn></au>
  </author>
  <published volume='14' year='1995' pages='200-204' size='73'>
    <journal>MAPS</journal>
  </published>
  <keywords>
    <key>BLUe format</key>
    <key>catcodes</key>
    <key>multiple use of copy</key>
    <key>plain &tex;</key>
  </keywords>
  <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 automatically 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
  &tex;book.
  </abstract>
</bibentry>

<bibentry type='article' id='14-50' language='EN'>
  <title>Paradigms: Parameterization I -- options</title>
  <author>
    <au index='laanvanderc'><fn>Kees</fn><prf>van der</prf><sn>Laan</sn></au>
  </author>
  <published volume='14' year='1995' pages='205-207' size='58'>
    <journal>MAPS</journal>
  </published>
  <keywords>
    <key>BLUe format</key>
    <key>optional parameters</key>
    <key>plain &tex;</key>
  </keywords>
  <abstract>
  The use of options in BLUe's format is discussed. A survey is given of how Knuth coped with the function-
  ality of optional arguments in &tex; and manmac. As an extension to &tex;'s<tt>\every&lt;tag&gt;</tt>
  the BLUe's<tt>\this&lt;tag&gt;</tt>s are introduced, with the advantage of simpler handling of argu-
  ments. It is contrasted with the use in TUGboat's style files and AMS's ppt.sty.
  </abstract>
</bibentry>

<bibentry type='article' id='14-51' language='EN'>
  <title>BLUe's Typesetting of PASCAL</title>
  <author>
    <au index='laanvanderc'><fn>Kees</fn><prf>van der</prf><sn>Laan</sn></au>
  </author>
  <published volume='14' year='1995' pages='208-210' size='45'>
    <journal>MAPS</journal>
  </published>
  <keywords>
    <key>compatible extension</key>
    <key>FIFO</key>
    <key>Pascal</key>
    <key>pattern matching</key>
    <key>plain &tex;</key>
    <key>pretty-printing</key>
```

```xml
        <key>reusable software parts</key>
        <key>software engineering</key>
      </keywords>
      <abstract>
      The formatting of PASCAL programs within plain &tex; is proposed. Only<tt>\beginpascal</tt>
      and<tt>\endpascal</tt> 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.
      </abstract>
  </bibentry>

  <bibentry type='article' id='14-52' language='NL'>
    <title>TUG'95</title>
    <published volume='14' year='1995' pages='211' size='26'>
      <journal>MAPS</journal>
    </published>
  </bibentry>

  <bibentry type='article' id='14-53' language='NL'>
    <title>Reisverslag Bacho&tex;'95</title>
    <author>
      <au index='frambache'><fn>Erik</fn><sn>Frambach</sn></au>
    </author>
    <published volume='14' year='1995' pages='212-213' size='81'>
      <journal>MAPS</journal>
    </published>
    <keywords>
      <key>Bacho&tex;</key>
      <key>report</key>
      <key>GUST</key>
      <key>Poland</key>
    </keywords>
    <abstract>
    Verslag bijeenkomst Poolse &tex; users group GUST.
    </abstract>
  </bibentry>

  <bibentry type='message' id='14-54' language='EN'>
    <title>Euro&tex;'95</title>
    <published volume='14' year='1995' pages='217' size='22'>
      <journal>MAPS</journal>
    </published>
    <keywords>
      <key>Euro&tex;</key>
      <key>conference</key>
      <key>announcement</key>
    </keywords>
    <abstract>
    Announcement of Euro&tex;'95 conference.
    </abstract>
  </bibentry>

  <bibentry type='book' id='maps15' language='NL/EN'>
    <title>MAPS 95.2</title>
    <editor index='dolw'><fn>Wietse</fn><sn>Dol</sn></editor>
    <published volume='15' year='1995' pages='1-22' size='1675'>
      <series>MAPS</series>
      <publisher>NTG</publisher>
    </published>
    <keywords>
      <key>NTG</key>
      <key>MAPS</key>
      <key>Minutes &amp; Appendices</key>
    </keywords>
    <abstract>
    NTG's magazine
    </abstract>
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<bibentry type='verslag' id='15-1' language='NL'>
  <title>Verslag (1995/2)</title>
  <author>
    <au index='goddijnf'><fn>Frans</fn><sn>Goddijn</sn></au>
  </author>
  <published volume='15' year='1995' pages='1-4' size='56'>
    <journal>MAPS</journal>
  </published>
  <keywords>
    <key>report</key>
    <key>members meeting</key>
  </keywords>
  <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 com-
  missie; Bestuursverkiezingen; Euro&tex;'95; Miscellaneous; Rondvraag en sluiting; Voordrachten.
  </abstract>
</bibentry>

<bibentry type='message' id='15-2' language='NL'>
  <title>Van de Voorzitter (1995/2)</title>
  <author>
    <au index='frambache'><fn>Erik</fn><sn>Frambach</sn></au>
  </author>
  <published volume='15' year='1995' pages='5' size='14'>
    <journal>MAPS</journal>
  </published>
  <keywords>
    <key>chairman</key>
  </keywords>
</bibentry>

<bibentry type='message' id='15-3' language='NL'>
  <title>Van de TUG President (1995)</title>
  <author>
    <au index='goossensm'><fn>Michel</fn><sn>Goossens</sn></au>
  </author>
  <published volume='15' year='1995' pages='6' size='14'>
    <journal>MAPS</journal>
  </published>
</bibentry>

<bibentry type='message' id='15-4' language='NL'>
  <title>Concept begroting 1996</title>
  <author>
    <au index='dolw'><fn>Wietse</fn><sn>Dol</sn></au>
  </author>
  <published volume='15' year='1995' pages='7' size='17'>
    <journal>MAPS</journal>
  </published>
  <keywords>
    <key>budget</key>
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<bibentry type='article' id='15-5' language='NL'>
  <title>Verslag 16e TUG-bijeenkomst</title>
  <author>
    <au index='dolw'><fn>Wietse</fn><sn>Dol</sn></au>
    <au index='nesgvan'><fn>Gerard</fn><prf>van</prf><sn>Nes</sn></au>
  </author>
  <published volume='15' year='1995' pages='8-13' size='1471'>
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      <key>TUG conference</key>
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<bibentry type='article' id='15-6' language='EN'>
  <title>TUG'95 at St. Petersburg Beach -- a Personal View</title>
  <author>
    <au index='goossensm'><fn>Michel</fn><sn>Goossens</sn></au>
  </author>
  <published volume='15' year='1995' pages='14-20' size='77'>
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<bibentry type='article' id='15-7' language='NL'>
  <title>Euro&tex;'95 in Nederland!</title>
  <published volume='15' year='1995' pages='21-22' size='57'>
    <journal>MAPS</journal>
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  Programma en inschrijfformulier Euro&tex; conferentie.
  </abstract>
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<bibentry type='proceedings' id='euro95' language='EN'>
  <title>Proceedings of the Ninth European &tex; Conference</title>
  <editor index='dolw'><fn>Wietse</fn><sn>Dol</sn></editor>
  <published year='1995' pages='1-441' size='6708'>
    <series>MAPS Special Editions</series>
    <publisher>NTG</publisher>
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  Proceedings Euro&tex;'95 in Arnhem
  </abstract>
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<bibentry type='inproceedings' id='E-1' language='EN'>
  <booktitle>Proceedings of the Ninth European &tex; Conference</booktitle>
  <title>Graphics for &tex;: a new implementation</title>
  <editor index='dolw'><fn>Wietse</fn><sn>Dol</sn></editor>
  <author>
    <au index='astralina'><fn>Andrey</fn><sn>Astrelin</sn></au>
  </author>
  <published year='1995' pages='1-4' size='200'>
    <publisher>NTG</publisher>
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  <keywords>
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<bibentry type='inproceedings' id='E-2' language='EN'>
    <booktitle>Proceedings of the Ninth European &tex; Conference</booktitle>
    <title>&tex; Plotter -- a program for creating 2D and 3D pictures</title>
    <editor index='dolw'><fn>Wietse</fn><sn>Dol</sn></editor>
    <author>
      <au index='berdnikova'><fn>Alexander</fn><sn>Berdnikov</sn></au>
      <au index='turias'><fn>S.</fn><sn>Turtia</sn></au>
    </author>
    <published year='1995' pages='5-10' size='430'>
      <publisher>NTG</publisher>
    </published>
    <keywords>
      <key>graphics 3D</key>
      <key>pictures</key>
      <key>graphics</key>
      <key>plotting</key>
    </keywords>
    <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 (Xij, Yij, Zij) 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 em&tex; specials. In future the program should support &tex; graphical tools like
    MFPiC, PiC&tex; and EPS-files.
    </abstract>
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<bibentry type='inproceedings' id='E-3' language='EN'>
    <booktitle>Proceedings of the Ninth European &tex; Conference</booktitle>
    <title>VFComb -- a program for design of virtual fonts</title>
    <editor index='dolw'><fn>Wietse</fn><sn>Dol</sn></editor>
    <author>
      <au index='berdnikova'><fn>Alexander</fn><sn>Berdnikov</sn></au>
      <au index='turtias'><fn>S.</fn><sn>Turtia</sn></au>
    </author>
    <published year='1995' pages='11-16' size='264'>
      <publisher>NTG</publisher>
    </published>
    <keywords>
      <key>virtual fonts</key>
      <key>VFcomb</key>
    </keywords>
    <abstract>
    The MS DOS program which enables to simplify the design of the virtual fonts is described. Its main pur-
    pose 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. VF-
    Comb supports the full syntaxis of PL-files and VPL-files as it was defined by D.E. Knuth and adds new com-
    mands like symbolic variables or conditional operators, which simplifies the creation and the debugging
    of the virtual fonts.
    </abstract>
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<bibentry type='inproceedings' id='E-4' language='EN'>
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    <title>The status of Babel</title>
    <editor index='dolw'><fn>Wietse</fn><sn>Dol</sn></editor>
    <author>
      <au index='braamsj'><fn>Johannes</fn><sn>Braams</sn></au>
    </author>
    <published year='1995' pages='17-26' size='282'>
      <publisher>NTG</publisher>
    </published>
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      <key>multilingual</key>
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    <abstract>
    In this article I will give an overview of what has happened to Babel lately. First I will briefly de-
    scribe 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 dis-
    cuss some compatibility issues.
    </abstract>
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<bibentry type='inproceedings' id='E-5' language='EN'>
    <booktitle>Proceedings of the Ninth European &tex; Conference</booktitle>
    <title>Upages -- plain &tex; for professionals</title>
    <editor index='dolw'><fn>Wietse</fn><sn>Dol</sn></editor>
    <author>
      <au index='brabecs'><fn>Stanis&lslash;aw</fn><sn>Brabec</sn></au>
    </author>
    <published year='1995' pages='27-34' size='254'>
      <publisher>NTG</publisher>
    </published>
    <keywords>
      <key>typography</key>
      <key>plain &tex;</key>
    </keywords>
    <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) noth-
    ing 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 land-
    scaping, making sheets and booklets, making other margins than 1in, creating cropmarks, color signatures,
    color separations etc.<br/> 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 par-
    ticularly 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.<br/> 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 chap-
    ter doesn't want to be a manual to these macros, but only an introduction with examples.<br/> 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 &tex;ists. They makes easy to prepare documents and to
    make hooks and patches.
    </abstract>
</bibentry>

<bibentry type='inproceedings' id='E-6' language='EN'>
    <booktitle>Proceedings of the Ninth European &tex; Conference</booktitle>
    <title>A practical introduction to SGML</title>
    <editor index='dolw'><fn>Wietse</fn><sn>Dol</sn></editor>
    <author>
      <au index='goossensm'><fn>Michel</fn><sn>Goossens</sn></au>
      <au index='saarelaj'><fn>Janne</fn><sn>Saarela</sn></au>
    </author>
    <published year='1995' pages='35-104' size='808'>
      <publisher>NTG</publisher>
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    </published>
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    </keywords>
    <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 par-
    ticular to its enthusiastic acceptance in the editing world, by large multi-national companies, govern-
    mental 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.
    </abstract>
</bibentry>

<bibentry type='inproceedings' id='E-7' language='EN'>
    <booktitle>Proceedings of the Ninth European &tex; Conference</booktitle>
    <title>From &latex; to HTML and back</title>
    <editor index='dolw'><fn>Wietse</fn><sn>Dol</sn></editor>
    <author>
      <au index='goossensm'><fn>Michel</fn><sn>Goossens</sn></au>
      <au index='saarelaj'><fn>Janne</fn><sn>Saarela</sn></au>
    </author>
    <published year='1995' pages='105-168' size='891'>
      <publisher>NTG</publisher>
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      <key>HTML</key>
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      <key>translation</key>
      <key>conversion</key>
      <key>tools</key>
    </keywords>
    <abstract>
    Both &latex; and HTML are languages that can express the structure of a document, and similarities be-
    tween these two systems are shown. A detailed study is made of the &latex;2HTML 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.
    </abstract>
</bibentry>

<bibentry type='inproceedings' id='E-8' language='EN'>
    <booktitle>Proceedings of the Ninth European &tex; Conference</booktitle>
    <title>Pascal: formatting Pascal using &tex;</title>
    <editor index='dolw'><fn>Wietse</fn><sn>Dol</sn></editor>
    <author>
      <au index='palaogostanzap'><fn>Pedro</fn><sn>Palao Gostanza</sn></au>
      <au index='nunezgarciam'><fn>Manuel</fn><sn>N&uacute;&ntilde;ez Garc&iacute;a</sn></au>
    </author>
    <published year='1995' pages='169-180' size='355'>
      <publisher>NTG</publisher>
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      <key>formatting</key>
      <key>program code</key>
    </keywords>
    <abstract>
    This paper is based on our ideas about how a system which formats programs written in a structured lan-
    guage must work. Particularly, tools which help in typesetting texts where algorithms are described.
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    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.
    </abstract>
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<bibentry type='inproceedings' id='E-9' language='EN'>
  <booktitle>Proceedings of the Ninth European &tex; Conference</booktitle>
  <title>Beyond the bounds of paper and within the bounds of screens; the perfect match of &tex; and
  Acrobat</title>
  <editor index='dolw'><fn>Wietse</fn><sn>Dol</sn></editor>
  <author>
    <au index='hagenj'><fn>Hans</fn><sn>Hagen</sn></au>
  </author>
  <published year='1995' pages='181-196' size='451'>
    <publisher>NTG</publisher>
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<bibentry type='inproceedings' id='E-10' language='EN'>
  <booktitle>Proceedings of the Ninth European &tex; Conference</booktitle>
  <title>PPCH&tex;: typesetting chemical formulas in &tex;</title>
  <editor index='dolw'><fn>Wietse</fn><sn>Dol</sn></editor>
  <author>
    <au index='hagenj'><fn>Hans</fn><sn>Hagen</sn></au>
    <au index='ottena'><fn>Ton</fn><sn>Otten</sn></au>
  </author>
  <published year='1995' pages='197-222' size='337'>
    <publisher>NTG</publisher>
  </published>
  <abstract>
  This article is about a package for typesetting chemical formulas. The primary interface of this package
  is in the dutch language. Because PPCH&tex; 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 trans-
  lated to English by H. de Weert.
  </abstract>
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<bibentry type='inproceedings' id='E-11' language='EN'>
  <booktitle>Proceedings of the Ninth European &tex; Conference</booktitle>
  <title>&latex;, HTML and PDF, or the entry of &tex; into the world of hypertext</title>
  <editor index='dolw'><fn>Wietse</fn><sn>Dol</sn></editor>
  <author>
    <au index='haralambousy'><fn>Yannis</fn><sn>Haralambous</sn></au>
    <au index='rahtzs'><fn>Sebastian</fn><sn>Rahtz</sn></au>
  </author>
  <published year='1995' pages='223-238' size='381'>
    <publisher>NTG</publisher>
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    <key>HTML</key>
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  An onverview of the relation between &latex;, HTML (WWW) and PDF is presented.
  </abstract>
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<bibentry type='inproceedings' id='E-12' language='EN'>
  <booktitle>Proceedings of the Ninth European &tex; Conference</booktitle>
  <title>The release 1.2 of the Cork encoded DC fonts and the text companion symbol fonts</title>
  <editor index='dolw'><fn>Wietse</fn><sn>Dol</sn></editor>
  <author>
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      <key>DC fonts</key>
      <key>TS1 text symbol encoding</key>
    </keywords>
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    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.
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<bibentry type='inproceedings' id='E-13' language='EN'>
    <booktitle>Proceedings of the Ninth European &tex; Conference</booktitle>
    <title>A METAFONT--EPS interface</title>
    <editor index='dolw'><fn>Wietse</fn><sn>Dol</sn></editor>
    <author>
      <au index='jackowskib'><fn>Bogus&lslash;aw</fn><sn>Jackowski</sn></au>
    </author>
    <published year='1995' pages='257-272' size='522'>
      <publisher>NTG</publisher>
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      <key>PostScript</key>
      <key>MFtoEPS</key>
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    The MFtoEPS package enables METAFONT to produce EPS (Encapsulated PostScript) output.
    </abstract>
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<bibentry type='inproceedings' id='E-14' language='EN'>
    <booktitle>Proceedings of the Ninth European &tex; Conference</booktitle>
    <title>Use of &tex; as database with Any&tex;</title>
    <editor index='dolw'><fn>Wietse</fn><sn>Dol</sn></editor>
    <author>
      <au index='laanvanderc'><fn>Kees</fn><prf>van der</prf><sn>Laan</sn></au>
    </author>
    <published year='1995' pages='273-278' size='278'>
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    The use of BLUe's format databases is treated. A new issue is introduced since the emerge of BLUe's For-
    mat system this spring. Boolean tags can be added to for example address.dat entries to denote fields and
    their contents. Together with<tt>\search</tt> 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 exam-
    ple.
    </abstract>
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<bibentry type='inproceedings' id='E-15' language='EN'>
    <booktitle>Proceedings of the Ninth European &tex; Conference</booktitle>
    <title>Indexing in &tex; with Any&tex;</title>
    <editor index='dolw'><fn>Wietse</fn><sn>Dol</sn></editor>
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      <au index='laanvanderc'><fn>Kees</fn><prf>van der</prf><sn>Laan</sn></au>
    </author>
    <published year='1995' pages='279-288' size='294'>
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      <key>software engineering</key>
      <key>sort keys</key>
    </keywords>
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    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.
    </abstract>
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<bibentry type='inproceedings' id='E-16' language='EN'>
    <booktitle>Proceedings of the Ninth European &tex; Conference</booktitle>
    <title>A Russian style for Babel: problems and solutions</title>
    <editor index='dolw'><fn>Wietse</fn><sn>Dol</sn></editor>
    <author>
      <au index='lapkoo'><fn>Olga</fn><sn>Lapko</sn></au>
      <au index='makhovayai'><fn>Irina</fn><sn>Makhovaya</sn></au>
    </author>
    <published year='1995' pages='289-294' size='279'>
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    <keywords>
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      <key>Russian</key>
      <key>typography</key>
    </keywords>
    <abstract>
    As with other languages using nonlatin basis there are some typographic features and national peculiari-
    ties that must be shown in the style. The paper describes the Russian style with macros<tt>\captionrussian</tt>
    for four standard Russian documents,<tt>\daterussian</tt>,<tt>\Asbuk</tt> and<tt>\asbuk</tt> for Rus-
    sian alphabet counters and<tt>\mathrussian</tt> for Russian math operators. Some problems concerning the
    usage of this style (e.g. usage of different encodings) are described.
    </abstract>
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<bibentry type='inproceedings' id='E-17' language='EN'>
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      <au index='kliffens'><fn>Steven</fn><sn>Kliffen</sn></au>
      <au index='koningr'><fn>Ruud</fn><sn>Koning</sn></au>
    </author>
    <published year='1995' pages='295-308' size='285'>
      <publisher>NTG</publisher>
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    <keywords>
      <key>databases</key>
      <key>data manipulating</key>
      <key>filtering</key>
      <key>ASCII</key>
    </keywords>
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    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;) databas-
    es, in ASCII files arranged according to the easy da&tex; format, or in the &tex; document itself. da&tex;
    works in plain &tex; and is supposed to work in &latex;.
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<bibentry type='inproceedings' id='E-18' language='EN'>
    <booktitle>Proceedings of the Ninth European &tex; Conference</booktitle>
    <title>Modifying &latex;</title>
    <editor index='dolw'><fn>Wietse</fn><sn>Dol</sn></editor>
    <author>
      <au index='latexteam'><fn></fn><sn>&latex;3 project team</sn></au>
    </author>
    <published year='1995' pages='309-314' size='242'>
      <publisher>NTG</publisher>
    </published>
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      <key>modifications</key>
    </keywords>
    <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 con-
    ditions for the files in our system should be similar to those implied by Version 2 of the GNU General Pub-
    lic Licence, as published by the Free Software Foundation.<br/> Although we are by now convinced that the
    principles described here are sound, the detailed consequences of these for the distribution and modifi-
    cation 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.
    </abstract>
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<bibentry type='inproceedings' id='E-19' language='EN'>
    <booktitle>Proceedings of the Ninth European &tex; Conference</booktitle>
    <title>The proposed &tex; Directory Structure</title>
    <editor index='dolw'><fn>Wietse</fn><sn>Dol</sn></editor>
    <author>
      <au index='schrodj'><fn>Joachim</fn><sn>Schrod</sn></au>
    </author>
    <published year='1995' pages='315-316' size='156'>
      <publisher>NTG</publisher>
    </published>
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      <key>standardization</key>
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    The concept of a standardized &tex; directory structure is explained.
    </abstract>
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      <title>Occam's Razor and macro management</title>
      <editor index='dolw'><fn>Wietse</fn><sn>Dol</sn></editor>
      <author>
        <au index='siebenmann'><fn>Laurent</fn><sn>Siebenmann</sn></au>
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      <published year='1995' pages='317-330' size='311'>
        <publisher>NTG</publisher>
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        <key>macro management</key>
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        <key>&tex; typescripts</key>
        <key>electronic publishing</key>
        <key>docstrip</key>
        <key>&latex;</key>
      </keywords>
      <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 modi-
      fications for a special purpose.<br/> 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 implement-
      ed with a bit of help from an editor (on Macintosh) that has a programmable control language based on
      GREP.<br/> 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 in-
      volved; this .occ version can double as the documented source version of the package.
      </abstract>
    </bibentry>

    <bibentry type='inproceedings' id='E-21' language='EN'>
      <booktitle>Proceedings of the Ninth European &tex; Conference</booktitle>
      <title>A package for Church-Slavonic typesetting</title>
      <editor index='dolw'><fn>Wietse</fn><sn>Dol</sn></editor>
      <author>
        <au index='slepuhina'><fn>Andrey</fn><sn>Slepuhin</sn></au>
      </author>
      <published year='1995' pages='331-338' size='301'>
        <publisher>NTG</publisher>
      </published>
      <keywords>
        <key>Church-Slavonik</key>
      </keywords>
      <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 con-
      sidered, and also many ideas and solutions which result from 5-year experience of &tex; using.
      </abstract>
    </bibentry>

    <bibentry type='inproceedings' id='E-22' language='EN'>
      <booktitle>Proceedings of the Ninth European &tex; Conference</booktitle>
      <title>The W95 environment</title>
      <editor index='dolw'><fn>Wietse</fn><sn>Dol</sn></editor>
      <author>
        <au index='strejca'><fn>Anton&iacute;n</fn><sn>Strejc</sn></au>
      </author>
      <published year='1995' pages='339-350' size='337'>
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      <publisher>NTG</publisher>
    </published>
    <keywords>
      <key>Windows</key>
      <key>typesetting proceedings</key>
      <key>non-&tex;-users</key>
    </keywords>
    <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 oportunity 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;.
    </abstract>
</bibentry>

<bibentry type='inproceedings' id='E-23' language='EN'>
    <booktitle>Proceedings of the Ninth European &tex; Conference</booktitle>
    <title>MusiX&tex;, even more beautiful than Music&tex; for music typesetting</title>
    <editor index='dolw'><fn>Wietse</fn><sn>Dol</sn></editor>
    <author>
      <au index='taupind'><fn>Daniel</fn><sn>Taupin</sn></au>
    </author>
    <published year='1995' pages='351-358' size='304'>
      <publisher>NTG</publisher>
    </published>
    <keywords>
      <key>Music&tex;</key>
      <key>MusiX&tex;</key>
      <key>music</key>
    </keywords>
    <abstract>
    MusiX&tex; is a new music typesetting package derived from Music&tex;, but it provides more beautiful
    scores than Music&tex; did. While Music&tex; was a single pass package, MusiX&tex; is a three pass sys-
    tem: the first pass performs a rough &tex;ing which reports the spacings of each music section, the sec-
    ond pass is a computation of the best note spacings, and the third one is the final &tex;ing process. The
    beauty of single notes does not significantly differ from Music&tex;, but slurs are much more beautiful,
    and notes are regularly spaced instead of being irregularly spaced with glue.
    </abstract>
</bibentry>

<bibentry type='inproceedings' id='E-24' language='EN'>
    <booktitle>Proceedings of the Ninth European &tex; Conference</booktitle>
    <title>e-&tex;: a 100%-compatible successor to &tex;</title>
    <editor index='dolw'><fn>Wietse</fn><sn>Dol</sn></editor>
    <author>
      <au index='taylorp'><fn>Philip</fn><sn>Taylor</sn></au>
    </author>
    <published year='1995' pages='359-370' size='284'>
      <publisher>NTG</publisher>
    </published>
    <keywords>
      <key>e-&tex;</key>
      <key>NTS</key>
      <key>extended &tex;</key>
      <key>extensions</key>
      <key>compatibility</key>
    </keywords>
    <abstract>
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        e-&tex; is the first concrete result of an international research &amp; development project, the NTS
        Project, which was established under the aegis of DANTE during 1992. The aims of the project are to per-
        petuate and develop the spirit and philosophy of &tex;, whilst respecting Knuth's wish that &tex; itself
        should remain frozen.
      </abstract>
</bibentry>

<bibentry type='inproceedings' id='E-25' language='EN'>
    <booktitle>Proceedings of the Ninth European &tex; Conference</booktitle>
    <title>Adobe Acrobat 2.0: Beyond the bounds of paper</title>
    <editor index='dolw'><fn>Wietse</fn><sn>Dol</sn></editor>
    <author>
      <au index='tieriew'><fn>Wiegert</fn><sn>Tierie</sn></au>
    </author>
    <published year='1995' pages='371-390' size='429'>
      <publisher>NTG</publisher>
    </published>
    <keywords>
      <key>Acrobat</key>
      <key>PDF</key>
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    <abstract>
    An overview of the concept and features of Adobe Acrobat is given.
    </abstract>
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<bibentry type='inproceedings' id='E-26' language='EN'>
    <booktitle>Proceedings of the Ninth European &tex; Conference</booktitle>
    <title>Typesetting commutative diagrams</title>
    <editor index='dolw'><fn>Wietse</fn><sn>Dol</sn></editor>
    <author>
      <au index='valienteferugliog'><fn>Gabriel</fn><sn>Valiente Feruglio</sn></au>
    </author>
    <published year='1995' pages='391-424' size='752'>
      <publisher>NTG</publisher>
    </published>
    <keywords>
      <key>commutative diagrams</key>
      <key>macro packages</key>
    </keywords>
    <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 com-
    mutative diagrams in &latex;3 has taken place during 1993 in the CATEGORIES discussion list. From the us-
    er'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.<br/> 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 typeset-
    ting 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, quali-
    ty of documentation, installation procedures, resource requirements, availability, and portability. The
    compatibility of the different macro packages is also analyzed.
    </abstract>
</bibentry>

<bibentry type='inproceedings' id='E-27' language='EN'>
    <booktitle>Proceedings of the Ninth European &tex; Conference</booktitle>
    <title>Conversion of the Euler METAFONTs into the PostScript Type1 language</title>
    <editor index='dolw'><fn>Wietse</fn><sn>Dol</sn></editor>
    <author>
      <au index='vensej'><fn>Erik-Jan</fn><sn>Vens</sn></au>
    </author>
    <published year='1995' pages='425-430' size='229'>
      <publisher>NTG</publisher>
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    </published>
    <keywords>
      <key>METAFONT</key>
      <key>PostScript</key>
      <key>Type 1 fonts</key>
      <key>conversion</key>
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    <abstract>
    A report of the process of converting Hermann Zapf's Euler fonts from METAFONT sources to PostScript Type1
    format.
    </abstract>
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<bibentry type='inproceedings' id='E-28' language='EN'>
    <booktitle>Proceedings of the Ninth European &tex; Conference</booktitle>
    <title>When METAFONT does it alone</title>
    <editor index='dolw'><fn>Wietse</fn><sn>Dol</sn></editor>
    <author>
      <au index='zlatuskaj'><fn>Ji&rcaron;&iacute;</fn><sn>Zlatu&scaron;ka</sn></au>
    </author>
    <published year='1995' pages='431-441' size='288'>
      <publisher>NTG</publisher>
    </published>
    <keywords>
      <key>METAFONT</key>
      <key>graphics</key>
    </keywords>
    <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 META-
    FONT 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 suffi-
    cient, 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.
    </abstract>
</bibentry>

<bibentry type='book' id='maps16' language='NL/EN'>
    <title>MAPS 96.1</title>
    <editor index='dolw'><fn>Wietse</fn><sn>Dol</sn></editor>
    <published volume='16' year='1996' pages='1-139' size='1463'>
      <series>MAPS</series>
      <publisher>NTG</publisher>
    </published>
    <keywords>
      <key>NTG</key>
      <key>MAPS</key>
      <key>Minutes &amp; Appendices</key>
    </keywords>
    <abstract>
    NTG's magazine
    </abstract>
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<bibentry type='verslag' id='16-1' language='NL'>
    <title>Verslag (1996/1)</title>
    <author>
      <au index='goddijnf'><fn>Frans</fn><sn>Goddijn</sn></au>
    </author>
    <published volume='16' year='1996' pages='1-2' size='46'>
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    </published>
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      <key>members meeting</key>
    </keywords>
    <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.
    </abstract>
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<bibentry type='message' id='16-2' language='NL'>
    <title>Het weten waard</title>
    <published volume='16' year='1996' pages='3' size='37'>
      <journal>MAPS</journal>
    </published>
</bibentry>

<bibentry type='message' id='16-3' language='NL'>
    <title>Van de Voorzitter (1996/1)</title>
    <author>
      <au index='frambache'><fn>Erik</fn><sn>Frambach</sn></au>
    </author>
    <published volume='16' year='1996' pages='4' size='18'>
      <journal>MAPS</journal>
    </published>
    <keywords>
      <key>chairman</key>
    </keywords>
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<bibentry type='message' id='16-4' language='NL'>
    <title>Van uw MAPS Editor (1996/1)</title>
    <author>
      <au index='nesgvan'><fn>Gerard</fn><prf>van</prf><sn>Nes</sn></au>
      <au index='dolw'><fn>Wietse</fn><sn>Dol</sn></au>
    </author>
    <published volume='16' year='1996' pages='5-6' size='18'>
      <journal>MAPS</journal>
    </published>
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<bibentry type='message' id='16-5' language='NL'>
    <title>Financieel verslag 1995</title>
    <author>
      <au index='dolw'><fn>Wietse</fn><sn>Dol</sn></au>
    </author>
    <published volume='16' year='1996' pages='7-8' size='51'>
      <journal>MAPS</journal>
    </published>
    <keywords>
      <key>financial report</key>
    </keywords>
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<bibentry type='message' id='16-6' language='NL'>
    <title>Jaarverslag NTG</title>
    <author>
      <au index='nesgvan'><fn>Gerard</fn><prf>van</prf><sn>Nes</sn></au>
    </author>
    <published volume='16' year='1996' pages='9-11' size='68'>
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<bibentry type='message' id='16-7' language='NL'>
  <title>Van de TUG President (1996)</title>
  <author>
    <au index='goossensm'><fn>Michel</fn><sn>Goossens</sn></au>
  </author>
  <published volume='16' year='1996' pages='12-13' size='19'>
    <journal>MAPS</journal>
  </published>
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<bibentry type='article' id='16-8' language='NL'>
  <title>Bericht van FGBBS</title>
  <author>
    <au index='goddijnf'><fn>Frans</fn><sn>Goddijn</sn></au>
  </author>
  <published volume='16' year='1996' pages='14-15' size='20'>
    <journal>MAPS</journal>
  </published>
  <keywords>
    <key>BBS</key>
    <key>internet</key>
  </keywords>
  <abstract>
  Een beschouwing over de vraag of, sinds de opkomst van Internet, er nog behoefte is een 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.
  </abstract>
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<bibentry type='article' id='16-9' language='EN'>
  <title>A plug-and-play te&tex; CD-ROM</title>
  <author>
    <au index='goossensm'><fn>Michel</fn><sn>Goossens</sn></au>
    <au index='rahtzs'><fn>Sebastian</fn><sn>Rahtz</sn></au>
  </author>
  <published volume='16' year='1996' pages='16' size='11'>
    <journal>MAPS</journal>
  </published>
  <abstract>
  GUTenberg and UKTUG, in collaboration with TUG and NTG, are producing a plug-and-play CD-ROM based on
  Thomas Esser's te&tex; distribution. It adheres to the TDS (&tex; Directory Structure) tree structure
  (see, for instance, TUGboat 16(4), pages 401-412).
  </abstract>
</bibentry>

<bibentry type='article' id='16-10' language='EN'>
  <title>Attending Euro&tex;'95 in Papendal</title>
  <author>
    <au index='goossensm'><fn>Michel</fn><sn>Goossens</sn></au>
  </author>
  <published volume='16' year='1996' pages='17-23' size='105'>
    <journal>MAPS</journal>
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    <key>conference</key>
    <key>Arnhem</key>
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  Report of Euro&tex;'95 conference in Arnhem.
  </abstract>
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<bibentry type='article' id='16-11' language='EN'>
  <title>Bacho&tex; 1996</title>
  <author>
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    <published volume='16' year='1996' pages='24-25' size='46'>
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      <key>Poland</key>
    </keywords>
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    Verslag bijeenkomst Poolse &tex; users group GUST.
    </abstract>
</bibentry>

<bibentry type='article' id='16-12' language='EN'>
    <title>The 17th Annual &tex; Users Group Meeting</title>
    <published volume='16' year='1996' pages='26-29' size='83'>
      <journal>MAPS</journal>
    </published>
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      <key>Dubna</key>
    </keywords>
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<bibentry type='article' id='16-13' language='NL'>
    <title>De kunst van het programmeren</title>
    <author>
      <au index='delftdvan'><fn>Dirk</fn><prf>van</prf><sn>Delft</sn></au>
    </author>
    <published volume='16' year='1996' pages='30-32' size='154'>
      <journal>MAPS</journal>
    </published>
    <abstract>
    Sinds 1962 werkt Donald Knuth aan een informaticabijbel die over twintig jaar af moet zijn. Tussendoor
    ontwierp hij een tekstverververwerker met eigen typografie en legde hij een Mona Lisa uit dominosteentjes.
    </abstract>
</bibentry>

<bibentry type='article' id='16-14' language='EN'>
    <title>An Interview with Donald Knuth</title>
    <author>
      <au index='woehrj'><fn>Jack</fn><sn>Woehr</sn></au>
    </author>
    <published volume='16' year='1996' pages='33-37' size='94'>
      <journal>MAPS</journal>
    </published>
</bibentry>

<bibentry type='article' id='16-15' language='EN'>
    <title>Knuth meets NTG members</title>
    <author>
      <au index='thielec'><fn>Christina</fn><sn>Thiele</sn></au>
    </author>
    <published volume='16' year='1996' pages='38-49' size='201'>
      <journal>MAPS</journal>
    </published>
    <keywords>
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      <key>NTG</key>
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    </keywords>
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    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 Infor-matica,
    CWI) because of CWI's 50th anniversary. Both Knuth and Mandelbrot were invited as speakers at the cele-
    bration. 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 tran-
    script.
    </abstract>
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<bibentry type='article' id='16-16' language='EN'>
    <title>&tex; without 4&tex; on the PC</title>
    <author>
      <au index='kroonenbergs'><fn>Siep</fn><sn>Kroonenberg</sn></au>
    </author>
    <published volume='16' year='1996' pages='50-53' size='26'>
      <journal>MAPS</journal>
    </published>
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      <key index='fourtex'>4&tex;</key>
      <key>configuring</key>
      <key>DOSKEY</key>
      <key>GhostScript</key>
    </keywords>
    <abstract>
    An example of a command-line interface for an existing 4&tex; 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.
    </abstract>
</bibentry>

<bibentry type='article' id='16-17' language='NL'>
    <title>Van dictaat tot boek</title>
    <author>
      <au index='fortuinc'><fn>Cees</fn><sn>Fortuin</sn></au>
    </author>
    <published volume='16' year='1996' pages='54-56' size='63'>
      <journal>MAPS</journal>
    </published>
    <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 ni-
    ets wist te melden over wat tegenwoordig in een schakeling zit: dioden, transistoren en dat soort com-
    ponenten. 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.
    </abstract>
</bibentry>

<bibentry type='article' id='16-18' language='NL'>
    <title>Enkele ervaringen met &latex;</title>
    <author>
      <au index='pijlgromsr'><fn>Rom</fn><sn>Pijlgroms</sn></au>
    </author>
    <published volume='16' year='1996' pages='57' size='12'>
      <journal>MAPS</journal>
    </published>
    <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
```

```xml
      Partners Nederland BV), de ervaringen met betrekking tot verzorgde bijscholingscursussen &latex; t.b.v.
      het personeel van de faculteit en de overige tekstverwerkingsactiviteiten.
    </abstract>
</bibentry>

<bibentry type='article' id='16-19' language='NL'>
    <title>Een &latex;-cursus in Groningen</title>
    <author>
      <au index='smedingar'><fn>Rein</fn><sn>Smedinga</sn></au>
    </author>
    <published volume='16' year='1996' pages='58' size='13'>
      <journal>MAPS</journal>
    </published>
    <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.
    </abstract>
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<bibentry type='article' id='16-20' language='NL'>
    <title>Het gebruik van &latex; voor wiskunde lessen</title>
    <author>
      <au index='geelsb'><fn>Ben</fn><sn>Geels</sn></au>
    </author>
    <published volume='16' year='1996' pages='59' size='35'>
      <journal>MAPS</journal>
    </published>
</bibentry>

<bibentry type='article' id='16-31' language='NL'>
    <title>Van ms-troff naar &latex;</title>
    <author>
      <au index='tutelaersp'><fn>Piet</fn><sn>Tutelaers</sn></au>
    </author>
    <published volume='16' year='1996' pages='60'>
      <journal>MAPS</journal>
    </published>
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<bibentry type='article' id='16-21' language='EN'>
    <title>The &latex;2HTML translator: An Overview</title>
    <author>
      <au index='swanh'><fn>Herbert</fn><sn>Swan</sn></au>
    </author>
    <published volume='16' year='1996' pages='61-73' size='172'>
      <journal>MAPS</journal>
    </published>
    <abstract>
    &latex;2HTML is, as its name implies, a translator which converts a standard &latex; document into Hyper-
    text Markup Language (HTML), for incorporation into the World-Wide Web. Like &latex;, it is freely avail-
    able software, supported by highly dedicated volunteers. Unlike &latex;, it is currently available only
    on UNIX platforms.
    </abstract>
</bibentry>

<bibentry type='article' id='16-23' language='NL'>
    <title>Zijn Scientific Word en &tex; uitwisselbaar?</title>
    <author>
      <au index='jacobsj'><fn>Jan</fn><sn>Jacobs</sn></au>
      <au index='sturmje'><fn>Jan-Egbert</fn><sn>Sturm</sn></au>
    </author>
    <published volume='16' year='1996' pages='74-75' size='55'>
      <journal>MAPS</journal>
    </published>
</bibentry>
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<bibentry type='article' id='16-24' language='NL'>
  <title>Typografisch programmeren</title>
  <author>
    <au index='hagenj'><fn>Hans</fn><sn>Hagen</sn></au>
  </author>
  <published volume='16' year='1996' pages='76-81' size='180'>
    <journal>MAPS</journal>
  </published>
  <keywords>
    <key>typographic programming</key>
    <key>database publishing</key>
    <key>&context; interactive documents</key>
    <key>screen design</key>
    <key>interactive documents</key>
  </keywords>
  <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 ty-
  pografisch programmeren.
  </abstract>
</bibentry>

<bibentry type='article' id='16-25' language='EN'>
  <title>Paradigms: It's all in the game</title>
  <author>
    <au index='laanvanderc'><fn>Kees</fn><prf>van der</prf><sn>Laan</sn></au>
  </author>
  <published volume='16' year='1996' pages='82-84' size='43'>
    <journal>MAPS</journal>
  </published>
  <keywords>
    <key>BLUe format</key>
    <key>dialogue with &tex;</key>
    <key>games</key>
    <key>plain &tex;</key>
    <key>user interface</key>
  </keywords>
  <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 increas-
  ingly better user interfaces and more intelligence implemented.
  </abstract>
</bibentry>

<bibentry type='article' id='16-26' language='EN'>
  <title>Paradigms: The winds and halfwinds -- Details matter</title>
  <author>
    <au index='laanvanderc'><fn>Kees</fn><prf>van der</prf><sn>Laan</sn></au>
  </author>
  <published volume='16' year='1996' pages='85-90' size='94'>
    <journal>MAPS</journal>
  </published>
  <keywords>
    <key>binary tree</key>
    <key>BLUe format</key>
    <key>graphics</key>
    <key>plain &tex;</key>
    <key>recursion</key>
    <key>trinary tree</key>
    <key>turtle graphics</key>
  </keywords>
  <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 Pythagorian 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.
    </abstract>
</bibentry>

<bibentry type='article' id='16-27' language='EN'>
    <title>BLUe-2-&latex; -- expansion and some more</title>
    <author>
      <au index='laanvanderc'><fn>Kees</fn><prf>van der</prf><sn>Laan</sn></au>
    </author>
    <published volume='16' year='1996' pages='91-99' size='113'>
      <journal>MAPS</journal>
    </published>
    <keywords>
      <key>BLUe script</key>
      <key>conversion</key>
      <key>MAPS</key>
      <key>mouth processing</key>
      <key>plain &tex;</key>
    </keywords>
    <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 converted to comply with publish-
    ers' 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 for-
    mat system is available from CTAN and NTG's 4all&tex; CD-ROM, and therefore everybody can format BLUe
    scripts, and no conversion is needed.
    </abstract>
</bibentry>

<bibentry type='article' id='16-28' language='EN'>
    <title>Graphics and &tex; -- a reappraisal of METAFONT</title>
    <author>
      <au index='laanvanderc'><fn>Kees</fn><prf>van der</prf><sn>Laan</sn></au>
    </author>
    <published volume='16' year='1996' pages='100-107' size='137'>
      <journal>MAPS</journal>
    </published>
    <keywords>
      <key>computer art</key>
      <key>constructivism</key>
      <key>graphics</key>
      <key>Hilbert</key>
      <key>hidden lines</key>
      <key>METAFONT</key>
      <key>PostScript</key>
      <key>projection</key>
    </keywords>
    <abstract>
    It is all about the author's first steps in METAFONT, for creating graphics to be included in &tex; doc-
    uments, 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.
    </abstract>
</bibentry>

<bibentry type='article' id='16-29' language='EN'>
    <title>Page layout in &latex;</title>
    <author>
      <au index='oostrumvanp'><fn>Piet</fn><prf>van</prf><sn>Oostrum</sn></au>
    </author>
    <published volume='16' year='1996' pages='108-125' size='167'>
      <journal>MAPS</journal>
    </published>
    <abstract>
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    Opening 17e NTG bijeenkomst 1 juni 1996; Notulen van de zestiende bijeenkomst van 5 september 1995; In-
    gekomen stukken en mededelingen; NTG ledenvergadering; Verslag commissie voor kascontrol en vaststelling
    nieuwe commissie voor kascontrole; Bestuursverkiezingen; Miscellanious; Rondvraag en sluiting.
  </abstract>
</bibentry>

<bibentry type='message' id='17-2' language='NL'>
  <title>Het weten waard</title>
  <published volume='17' year='1996' pages='4' size='37'>
    <journal>MAPS</journal>
  </published>
</bibentry>

<bibentry type='message' id='17-3' language='NL'>
  <title>Van de Voorzitter (1996/2)</title>
  <author>
    <au index='frambache'><fn>Erik</fn><sn>Frambach</sn></au>
  </author>
  <published volume='17' year='1996' pages='5' size='15'>
    <journal>MAPS</journal>
  </published>
  <keywords>
    <key>chairman</key>
  </keywords>
</bibentry>

<bibentry type='message' id='17-4' language='NL'>
  <title>Van uw MAPS Editor (1996/2)</title>
  <author>
    <au index='dolw'><fn>Wietse</fn><sn>Dol</sn></au>
  </author>
  <published volume='17' year='1996' pages='6' size='32'>
    <journal>MAPS</journal>
  </published>
</bibentry>

<bibentry type='message' id='17-5' language='NL'>
  <title>Concept begroting 1997</title>
  <author>
    <au index='dolw'><fn>Wietse</fn><sn>Dol</sn></au>
  </author>
  <published volume='17' year='1996' pages='7' size='32'>
    <journal>MAPS</journal>
  </published>
  <keywords>
    <key>budget</key>
  </keywords>
</bibentry>

<bibentry type='article' id='17-6' language='NL'>
  <title>Een rol voor &tex; in het 3de millennium</title>
  <author>
    <au index='goossensm'><fn>Michel</fn><sn>Goossens</sn></au>
  </author>
  <published volume='17' year='1996' pages='8' size='43'>
    <journal>MAPS</journal>
  </published>
</bibentry>

<bibentry type='article' id='17-7' language='NL'>
  <title>(Cyr)TuG, and some more</title>
  <author>
    <au index='laanvanderc'><fn>Kees</fn><prf>van der</prf><sn>Laan</sn></au>
    <au index='frambache'><fn>Erik</fn><sn>Frambach</sn></au>
  </author>
  <published volume='17' year='1996' pages='9-10' size='64'>
    <journal>MAPS</journal>
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    </published>
    <keywords>
      <key>CyrTUG</key>
      <key>TUG conference</key>
      <key>Dubna</key>
    </keywords>
    <abstract>
    Report of TUG meeting in Dubna, Russia.
    </abstract>
</bibentry>

<bibentry type='article' id='17-8' language='NL'>
    <title>De spelling van het lot</title>
    <author>
      <au index='goddijnf'><fn>Frans</fn><sn>Goddijn</sn></au>
    </author>
    <published volume='17' year='1996' pages='11-16' size='76'>
      <journal>MAPS</journal>
    </published>
    <keywords>
      <key>new dutch</key>
      <key>dutch spelling</key>
      <key>spell checker</key>
      <key>Groene Boekje</key>
    </keywords>
    <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 (bin-
    nen 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 vol-
    gorde -- 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.
    </abstract>
</bibentry>

<bibentry type='article' id='17-9' language='NL'>
    <title>Heeft &tex; nog toekomst?</title>
    <author>
      <au index='hagenj'><fn>Hans</fn><sn>Hagen</sn></au>
    </author>
    <published volume='17' year='1996' pages='17-22' size='82'>
      <journal>MAPS</journal>
    </published>
    <keywords>
      <key>future</key>
      <key>&tex; reflection</key>
    </keywords>
    <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.
    </abstract>
</bibentry>

<bibentry type='article' id='17-10' language='EN'>
    <title>Do journals honor &latex; submissions?</title>
    <author>
      <au index='valienteferugliog'><fn>Gabriel</fn><sn>Valiente Feruglio</sn></au>
    </author>
    <published volume='17' year='1996' pages='23-31' size='117'>
      <journal>MAPS</journal>
    </published>
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      <key>journals</key>
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      <key>submissions</key>
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    <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 publish-
    ing. 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.
    </abstract>
</bibentry>

<bibentry type='article' id='17-11' language='EN'>
    <title>Introduction to ''&tex; Unbound: &latex; &amp; &tex; Strategies, Fonts, Graphics, and
    More''</title>
    <author>
      <au index='hoeniga'><fn>Alan</fn><sn>Hoenig</sn></au>
    </author>
    <published volume='17' year='1996' pages='32-33' size='37'>
      <journal>MAPS</journal>
    </published>
</bibentry>

<bibentry type='article' id='17-12' language='EN'>
    <title>Virtual Fonts, Virtuous Fonts</title>
    <author>
      <au index='hoeniga'><fn>Alan</fn><sn>Hoenig</sn></au>
    </author>
    <published volume='17' year='1996' pages='34-40' size='131'>
      <journal>MAPS</journal>
    </published>
    <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 compris-
    es 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 type-
    setting. Consequently, some displays could not be included. For any questions or comments, please con-
    tact the author at ajhjj@cunyvm.cuny.edu.
    </abstract>
</bibentry>

<bibentry type='article' id='17-13' language='EN'>
    <title>Detailed Contents for ''&tex; Unbound: &latex; &amp; &tex; Strategies, Fonts, Graphics, and
    More''</title>
    <author>
      <au index='hoeniga'><fn>Alan</fn><sn>Hoenig</sn></au>
    </author>
    <published volume='17' year='1996' pages='41-45' size='62'>
      <journal>MAPS</journal>
    </published>
    <abstract>
    This book will be published by Oxford University Press in early 1997. Contact the author at ajhjj@cunyvm.cuny.e
    for further information.
    </abstract>
</bibentry>

<bibentry type='article' id='17-14' language='EN'>
    <title>A &latex; tour, part 1: the base distribution</title>
    <author>
      <au index='carlisled'><fn>David</fn><sn>Carlisle</sn></au>
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    </author>
    <published volume='17' year='1996' pages='46-51' size='75'>
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    </published>
    <keywords>
      <key>&latex;</key>
      <key>base distribution</key>
      <key>documentation</key>
      <key>guide</key>
    </keywords>
    <abstract>
    In this article I hope to give a 'guided tour' around the files that make up the basic &latex; distribu-
    tion. Subsequent articles in this mini-series will cover other packages by the &latex; development team,
    and also some of the main contributed packages.
    </abstract>
</bibentry>

<bibentry type='article' id='17-15' language='EN'>
    <title>A &latex; tour, part 2: the Tools and Graphics distribution</title>
    <author>
      <au index='carlisled'><fn>David</fn><sn>Carlisle</sn></au>
    </author>
    <published volume='17' year='1996' pages='52-56' size='98'>
      <journal>MAPS</journal>
    </published>
    <keywords>
      <key>&latex;</key>
      <key>tools package distribution</key>
      <key>documentation</key>
      <key>guide</key>
    </keywords>
    <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 min-imal base distribution they should normally be included in the &latex; in-
    stallation at any site. The &latex; book assumes that at least the graphics distribution is installed.
    </abstract>
</bibentry>

<bibentry type='article' id='17-16' language='EN'>
    <title>FRISTI</title>
    <author>
      <au index='haverkorth'><fn>Herman</fn><sn>Haverkort</sn></au>
    </author>
    <published volume='17' year='1996' pages='57-64' size='165'>
      <journal>MAPS</journal>
    </published>
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      <key>small</key>
      <key>lists</key>
      <key>directory</key>
      <key>calendar</key>
      <key>key fob</key>
      <key>credit card</key>
      <key>stuffing</key>
    </keywords>
    <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.
    </abstract>
</bibentry>
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<bibentry type='article' id='17-17' language='EN'>
   <title>PMGRAPH.STY: some useful macros which extends the &latex; picture environment</title>
   <author>
     <au index='berdnikova'><fn>Alexander</fn><sn>Berdnikov</sn></au>
     <au index='grinevao'><fn>Olga</fn><sn>Grineva</sn></au>
   </author>
   <published volume='17' year='1996' pages='65-71' size='143'>
     <journal>MAPS</journal>
   </published>
</bibentry>

<bibentry type='article' id='17-18' language='EN'>
   <title>Using EPS Graphics in &latex;2e Documents</title>
   <author>
     <au index='reckdahlk'><fn>Keith</fn><sn>Reckdahl</sn></au>
   </author>
   <published volume='17' year='1996' pages='72-114' size='277'>
     <journal>MAPS</journal>
   </published>
   <abstract>
   This document explains how to use Encapsulated PostScript (EPS) files in &latex;2e documents. The graph-
   ics and graphicx packages provide commands which insert, scale, and rotate EPS graphics.
   </abstract>
</bibentry>

<bibentry type='article' id='17-19' language='EN'>
   <title>Star&tex; -- a &tex; for beginners</title>
   <author>
     <au index='langmyhrd'><fn>Dag</fn><sn>Langmyhr</sn></au>
   </author>
   <published volume='17' year='1996' pages='115-121' size='107'>
     <journal>MAPS</journal>
   </published>
   <keywords>
     <key>&tex; format</key>
     <key>novice &tex;</key>
     <key>robust &tex;</key>
     <key>error recovery in &tex;</key>
     <key>&tex; with SGML notation</key>
   </keywords>
   <abstract>
   This article describes Star&tex;, 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;.
   </abstract>
</bibentry>

<bibentry type='article' id='17-20' language='EN'>
   <title>Paradigms: Loops</title>
   <author>
     <au index='laanvanderc'><fn>Kees</fn><prf>van der</prf><sn>Laan</sn></au>
   </author>
   <published volume='17' year='1996' pages='122-125' size='79'>
     <journal>MAPS</journal>
   </published>
   <keywords>
     <key>BLUe format</key>
     <key>loops</key>
     <key>plain &tex;</key>
     <key>tail recursion</key>
   </keywords>
   <abstract>
   The implementation of loops in plain &tex; is surveyed. Van der Goot's loop is a remarkable straight im-
   plementation of tail recursion. Nesting of loops and the pitfalls in there are discussed. The use of hid-
   den counters and the flip-flop traversal are given.
   </abstract>
```

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      </bibentry>

      <bibentry type='article' id='17-21' language='EN'>
        <title>Paradigms: Searching</title>
        <author>
          <au index='laanvanderc'><fn>Kees</fn><prf>van der</prf><sn>Laan</sn></au>
        </author>
        <published volume='17' year='1996' pages='126-131' size='58'>
          <journal>MAPS</journal>
        </published>
        <keywords>
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          <key>databases</key>
          <key>pattern recognition</key>
          <key>plain &tex;</key>
          <key>tree searching</key>
          <key>selective loading</key>
        </keywords>
        <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.
        </abstract>
      </bibentry>

      <bibentry type='article' id='17-22' language='EN'>
        <title>Paradigms: Sorting</title>
        <author>
          <au index='laanvanderc'><fn>Kees</fn><prf>van der</prf><sn>Laan</sn></au>
        </author>
        <published volume='17' year='1996' pages='132-136' size='77'>
          <journal>MAPS</journal>
        </published>
        <keywords>
          <key>BLUe format</key>
          <key>heap sort</key>
          <key>index preparation</key>
          <key>plain &tex;</key>
          <key>quick sort</key>
        </keywords>
        <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.
        </abstract>
      </bibentry>

      <bibentry type='article' id='17-23' language='EN'>
        <title>Paradigms: Just a little bit of PostScript</title>
        <author>
          <au index='laanvanderc'><fn>Kees</fn><prf>van der</prf><sn>Laan</sn></au>
        </author>
        <published volume='17' year='1996' pages='137-150' size='161'>
          <journal>MAPS</journal>
        </published>
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          <key>EPS</key>
          <key>Escher</key>
          <key>graphics</key>
          <key>imperative code</key>
          <key>&latex;</key>
          <key>Koch island</key>
          <key>Malevich</key>
          <key>math graphs</key>
          <key>METAFONT</key>
          <key>MFtoEPS</key>
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      <key>Mondrian</key>
      <key>PostScript</key>
      <key>projection</key>
      <key>reverse video</key>
      <key>ROEX</key>
      <key>Schroefer</key>
      <key>sideways tables</key>
      <key>suprematism</key>
      <key>text along curved paths</key>
      <key>tiling</key>
    </keywords>
    <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, clip-
    ping and tiling have been addressed. A poor man's MFtoEPS approach is touched upon: (declarative) META-
    FONT into (imperative) PostScript.
    </abstract>
</bibentry>

<bibentry type='article' id='17-24' language='EN'>
    <title>Visual Debugging in &tex;: a short introduction</title>
    <author>
      <au index='hagenj'><fn>Hans</fn><sn>Hagen</sn></au>
    </author>
    <published volume='17' year='1996' pages='151-156' size='168'>
      <journal>MAPS</journal>
    </published>
</bibentry>

<bibentry type='article' id='17-25' language='EN'>
    <title>Visual Debugging in &tex;: how things are done</title>
    <author>
      <au index='hagenj'><fn>Hans</fn><sn>Hagen</sn></au>
    </author>
    <published volume='17' year='1996' pages='157-174' size='119'>
      <journal>MAPS</journal>
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      <key>debugging</key>
      <key>boxes</key>
      <key>glue</key>
      <key>penalties</key>
      <key>kerns</key>
      <key>fills</key>
    </keywords>
    <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.
    </abstract>
</bibentry>

<bibentry type='message' id='17-26' language='EN'>
    <title>Where to find &context;</title>
    <author>
      <au index='hagenj'><fn>Hans</fn><sn>Hagen</sn></au>
    </author>
    <published volume='17' year='1996' pages='175' size='6'>
      <journal>MAPS</journal>
    </published>
</bibentry>
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<bibentry type='book' id='NTG-pr' language='NL'>
  <title>NTG's Public Relation Set</title>
  <editor index='dolw'><fn>Wietse</fn><sn>Dol</sn></editor>
  <published year='1996' pages='1-36' size='633'>
    <series>MAPS Special Editions</series>
    <publisher>NTG</publisher>
  </published>
  <keywords>
    <key>NTG</key>
    <key>introduction</key>
  </keywords>
  <abstract>
  Informatie voor ge&iuml;nteresseerden in &tex; &amp; de NTG. Introductie over &tex; met vele voorbeelden.
  </abstract>
</bibentry>

<bibentry type='book' id='maps18' language='NL/EN'>
  <title>MAPS 97.1</title>
  <editor index='hoekwatert'><fn>Taco</fn><sn>Hoekwater</sn></editor>
  <published volume='18' year='1997' pages='1-175'>
    <series>MAPS</series>
    <publisher>NTG</publisher>
  </published>
  <keywords>
    <key>NTG</key>
    <key>MAPS</key>
    <key>Minutes &amp; Appendices</key>
  </keywords>
  <abstract>
  NTG's magazine
  </abstract>
</bibentry>

<bibentry type='verslag' id='18-1' language='NL'>
  <title>Verslag Bijeenkomst</title>
  <author>
    <au index='goddijnf'><fn>Frans</fn><sn>Goddijn</sn></au>
  </author>
  <published volume='18' year='1997' pages='1-2' size='30'>
    <journal>MAPS</journal>
  </published>
  <keywords>
    <key>report</key>
    <key>meeting</key>
    <key>members meeting</key>
  </keywords>
  <abstract>
  Opening, Notulen, Ingekomen stukken en mededelingen, bestuursmutaties, subsidieaanvraag, begroting
  1997, MAPS zaken, Activiteiten, Lustrumcommissie, Werkgroepen
  </abstract>
</bibentry>

<bibentry type='message' id='18-2' language='NL'>
  <title>Van de Voorzitter (1997/1)</title>
  <author>
    <au index='frambache'><fn>Erik</fn><sn>Frambach</sn></au>
  </author>
  <published volume='18' year='1997' pages='3-4' size='27'>
    <journal>MAPS</journal>
  </published>
</bibentry>

<bibentry type='message' id='18-3' language='NL'>
  <title>Redactioneel (1997/1)</title>
  <author>
    <au index='hoekwatert'><fn>Taco</fn><sn>Hoekwater</sn></au>
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    </author>
    <published volume='18' year='1997' pages='5' size='16'>
      <journal>MAPS</journal>
    </published>
</bibentry>

<bibentry type='message' id='18-4' language='NL'>
  <title>Het weten waard</title>
  <published volume='18' year='1997' pages='6-7' size='36'>
    <journal>MAPS</journal>
  </published>
</bibentry>

<bibentry type='message' id='18-5' language='NL'>
  <title>Financieel verslag 1996</title>
  <author>
    <au index='frambache'><fn>Erik</fn><sn>Frambach</sn></au>
    <au index='dekkerw'><fn>Wybo</fn><sn>Dekker</sn></au>
  </author>
  <published volume='18' year='1997' pages='8-9' size='14'>
    <journal>MAPS</journal>
  </published>
  <keywords>
    <key>financial report</key>
  </keywords>
</bibentry>

<bibentry type='message' id='18-6' language='NL'>
  <title>Jaarverslag NTG 1996</title>
  <author>
    <au index='nesgvan'><fn>Gerard</fn><prf>van</prf><sn>Nes</sn></au>
  </author>
  <published volume='18' year='1997' pages='10-12' size='37'>
    <journal>MAPS</journal>
  </published>
  <keywords>
    <key>report NTG</key>
  </keywords>
</bibentry>

<bibentry type='message' id='18-7' language='NL'>
  <title>&tex; Users Group, gisteren, vandaag en morgen</title>
  <author>
    <au index='goossensm'><fn>Michel</fn><sn>Goossens</sn></au>
  </author>
  <published volume='18' year='1997' pages='13-14' size='33'>
    <journal>MAPS</journal>
  </published>
</bibentry>

<bibentry type='article' id='18-8' language='NL'>
  <title>Bericht van FGBBS -- Voorjaar 1997</title>
  <author>
    <au index='goddijnf'><fn>Frans</fn><sn>Goddijn</sn></au>
  </author>
  <published volume='18' year='1997' pages='15-17' size='34'>
    <journal>MAPS</journal>
  </published>
  <keywords>
    <key>FGBBS</key>
    <key>report</key>
  </keywords>
  <abstract>
  Hoewel ``de loop eruit is'' in de<tt>BBS</tt> winkelstraten, houdt<tt>FGBBS</tt> stand als het rustige
  knopenwinkeltje dat met enige regelmaat wordt bezocht door een kleine maar trouwe klantenkring uit de wi-
  jde omgeving.
  </abstract>
```

```xml
    </bibentry>

    <bibentry type='article' id='18-9' language='NL'>
      <title>WG: Educatie -- een overzicht en oproep</title>
      <author>
        <au index='laanvanderc'><fn>Kees</fn><prf>van der</prf><sn>Laan</sn></au>
      </author>
      <published volume='18' year='1997' pages='18' size='12'>
        <journal>MAPS</journal>
      </published>
      <keywords>
        <key>working group</key>
        <key>education</key>
      </keywords>
      <abstract>
      Een overzicht van de activiteiten binnen en buiten de WG wordt gegeven, met daarnaast een suggestie.
      </abstract>
    </bibentry>

    <bibentry type='article' id='18-10' language='NL'>
      <title>WG: &tex; &amp; SGML</title>
      <author>
        <au index='hoekwatert'><fn>Taco</fn><sn>Hoekwater</sn></au>
      </author>
      <published volume='18' year='1997' pages='19' size='12'>
        <journal>MAPS</journal>
      </published>
      <keywords>
        <key>working group</key>
        <key>SGML</key>
      </keywords>
      <abstract>
      Een korte introductie van de werkgroep SGML en een oproep voor geinteresseerde leden
      </abstract>
    </bibentry>

    <bibentry type='article' id='18-11' language='NL'>
      <title>De nieuwe NTG-WWW pagina's</title>
      <author>
        <au index='frambache'><fn>Erik</fn><sn>Frambach</sn></au>
        <au index='hagenj'><fn>Hans</fn><sn>Hagen</sn></au>
      </author>
      <published volume='18' year='1997' pages='21-23' size='88'>
        <journal>MAPS</journal>
      </published>
      <keywords>
        <key>NTG</key>
        <key>internet</key>
        <key>WWW</key>
      </keywords>
      <abstract>
      Sinds kort zijn de WWW-pagina's van de NTG (<tt>http://WWW.ntg.nl</tt>) geheel vernieuwd. Dit artikel
      geeft een overzicht van de idee&euml;n achter de nieuwe opzet en uitvoering.
      </abstract>
    </bibentry>

    <bibentry type='article' id='18-12' language='NL'>
      <title>Gezeefd uit de &tex;-NL discussielijst (1997)</title>
      <author>
        <au index='goddijnf'><fn>Frans</fn><sn>Goddijn</sn></au>
      </author>
      <published volume='18' year='1997' pages='25-36' size='95'>
        <journal>MAPS</journal>
      </published>
      <keywords>
        <key>TEX-NL</key>
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      <key>discussionlist</key>
      <key>tips</key>
      <key>hints</key>
      <key>beginner</key>
      <key>help</key>
      <key>stylefiles</key>
   </keywords>
   <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 berichtenge-
   bied FGBBS.ARCHIVE. Opvallend is dat in bijna alle gevallen het snelste en definitieve antwoord wordt
   gegeven door Piet van Oostrum (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.
   </abstract>
</bibentry>

<bibentry type='article' id='18-13' language='NL'>
   <title>Conversie van Bib&tex; naar HTML, &tex; en &latex;</title>
   <author>
     <au index='frambache'><fn>Erik</fn><sn>Frambach</sn></au>
   </author>
   <published volume='18' year='1997' pages='37-39' size='37'>
     <journal>MAPS</journal>
   </published>
   <keywords>
     <key>Bib&tex;</key>
     <key>Perl</key>
     <key>HTML</key>
     <key>conversion</key>
   </keywords>
   <abstract>
   Bib&tex;-bibliografie&euml;n kunnen met behulp van een Perl-script vertaald worden naar HTML. Een vari-
   ant 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.
   </abstract>
</bibentry>

<bibentry type='article' id='18-14' language='NL'>
   <title>Het invoeren en afdrukken van de Latin-1 Characterset</title>
   <author>
     <au index='biegstraatent'><fn>Ton</fn><sn>Biegstraaten</sn></au>
   </author>
   <published volume='18' year='1997' pages='41-44' size='56'>
     <journal>MAPS</journal>
   </published>
   <abstract>
   Ten behoeve van een collegedictaat is een tabel nodig met de Latin-1 of iso-8859-1 characterset. Dit ar-
   tikel behandelt het invoeren en afdrukken van deze characterset met behulp van &latex;2e.
   </abstract>
</bibentry>

<bibentry type='article' id='18-15' language='EN'>
   <title>SGML entities in (La)&tex;:<tt>sgmlent.sty</tt></title>
   <author>
     <au index='hoekwatert'><fn>Taco</fn><sn>Hoekwater</sn></au>
   </author>
   <published volume='18' year='1997' pages='45-52' size='162'>
     <journal>MAPS</journal>
   </published>
   <keywords>
     <key>SGML entities</key>
     <key>SGML conversion</key>
     <key>SGML</key>
   </keywords>
```

```xml
  <abstract>
    This package provides an easy-to-use interface to the SGML character entity sets (ISO 8879, Annex D). All
    entity sets defined in the Annex are supported, but there are still some minor problems.
  </abstract>
</bibentry>

<bibentry type='article' id='18-16' language='EN'>
  <title>The &latex; Graphics Companion</title>
  <author>
    <au index='goossensm'><fn>Michel</fn><sn>Goossens</sn></au>
    <au index='rahtzs'><fn>Sebastian</fn><sn>Rahtz</sn></au>
    <au index='mittelbachf'><fn>Frank</fn><sn>Mittelbach</sn></au>
  </author>
  <published volume='18' year='1997' pages='53-60' size='55'>
    <journal>MAPS</journal>
  </published>
  <keywords>
    <key>abstract</key>
    <key>table of contents</key>
    <key>preface</key>
    <key>&latex;</key>
  </keywords>
  <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 capa-
    bilities to produce beautifully illustrated pages. Following the successful format of<em>The &latex;
    Companion</em>, this new book will be an invaluable &latex; resource for incorporating pictures into
    text.
  </abstract>
</bibentry>

<bibentry type='article' id='18-17' language='EN'>
  <title>Loading Pic&tex; without problems</title>
  <author>
    <au index='hagenj'><fn>Hans</fn><sn>Hagen</sn></au>
  </author>
  <published volume='18' year='1997' pages='61-63' size='27'>
    <journal>MAPS</journal>
  </published>
  <keywords>
    <key>PIC&tex;</key>
    <key>PPCH&tex;</key>
  </keywords>
  <abstract>
    When using ppch&tex; in &latex;, one can run out of dimension registers. This article describes a loading
    mechanism that take care of proper loading of PIC&tex;, that is, by using as few dimensions as possible.
  </abstract>
</bibentry>

<bibentry type='article' id='18-18' language='NL'>
  <title>pdf&tex;, een eerste indruk</title>
  <author>
    <au index='hagenj'><fn>Hans</fn><sn>Hagen</sn></au>
  </author>
  <published volume='18' year='1997' pages='65-67' size='37'>
    <journal>MAPS</journal>
  </published>
  <keywords>
    <key>PDF</key>
    <key>pdf&tex;</key>
    <key>web2c</key>
  </keywords>
  <abstract>
```

```xml
  Currently a new extension of &tex; is under development. This web2c based extension pdf&tex; not only
  produces DVI output, but alternatively generates PDF code. Functionality as well as new primitives are
  described.
  </abstract>
</bibentry>

<bibentry type='article' id='18-19' language='NL'>
  <title>Even voorstellen: de EPDA</title>
  <author>
    <au index='ottent'><fn>Ton</fn><sn>Otten</sn></au>
  </author>
  <published volume='18' year='1997' pages='69' size='17'>
    <journal>MAPS</journal>
  </published>
</bibentry>

<bibentry type='article' id='18-20' language='EN'>
  <title>Puzzling Graphics in METAPOST</title>
  <author>
    <au index='hagenj'><fn>Hans</fn><sn>Hagen</sn></au>
  </author>
  <published volume='18' year='1997' pages='71-82' size='243'>
    <journal>MAPS</journal>
  </published>
  <keywords>
    <key>METAPOST</key>
    <key>puzzles</key>
    <key>graphics</key>
  </keywords>
  <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!
  </abstract>
</bibentry>

<bibentry type='article' id='18-21' language='EN'>
  <title>Scans and bitmaps in &tex;</title>
  <author>
    <au index='kroonenbergs'><fn>Siep</fn><sn>Kroonenberg</sn></au>
  </author>
  <published volume='18' year='1997' pages='83-85' size='240'>
    <journal>MAPS</journal>
  </published>
  <keywords>
    <key>scan</key>
    <key>image</key>
    <key>bitmap</key>
    <key>resolution</key>
    <key>halftone</key>
    <key>PostScript</key>
  </keywords>
  <abstract>
  Guidelines are given for working with scans and bitmaps, with the emphasis on PostScript printing from
  &tex;.
  </abstract>
</bibentry>

<bibentry type='article' id='18-22' language='EN'>
  <title>Using fonts in METAPOST -- one way of forcing &tex; to include the right fonts</title>
  <author>
    <au index='hagenj'><fn>Hans</fn><sn>Hagen</sn></au>
  </author>
  <published volume='18' year='1997' pages='87-91' size='76'>
    <journal>MAPS</journal>
  </published>
  <keywords>
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```xml
      <key>METAPOST</key>
      <key>fonts in METAPOST</key>
      <key>&context;</key>
    </keywords>
    <abstract>
    METAPOST graphics can contain &tex; produced text. Unfortunately, when including such graphics in
    &tex; documents, only DVIPS knows how to include the right glyphs. This articles describes a method (and
    macros) to handle glyph inclusion independant of DVI drivers. The &context; module described here can be
    used in other macro packages as well. (A later version of this module implements a more efficient mecha-
    nism as well as some additional functionality.)
    </abstract>
</bibentry>

<bibentry type='article' id='18-23' language='EN'>
    <title>Stars around 1 -- PostScript straightaway</title>
    <author>
      <au index='laanvanderc'><fn>Kees</fn><prf>van der</prf><sn>Laan</sn></au>
    </author>
    <published volume='18' year='1997' pages='93-98' size='75'>
      <journal>MAPS</journal>
    </published>
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      <key>EPS</key>
      <key>fractal</key>
      <key>intersection</key>
      <key>Koch island</key>
      <key>METAFONT</key>
      <key>METAPOST</key>
      <key>MFtoEPS</key>
      <key>outline</key>
      <key>PostScript</key>
      <key>ROEX</key>
      <key>star</key>
      <key>tiling</key>
    </keywords>
    <abstract>
    Drawing the outline of stars is discussed. A METAFONT/Post and a PostScript program are included, next to
    a Colombus' 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.
    </abstract>
</bibentry>

<bibentry type='article' id='18-24' language='EN'>
    <title>Stars around 2 -- what a little math can do</title>
    <author>
      <au index='laanvanderc'><fn>Kees</fn><prf>van der</prf><sn>Laan</sn></au>
    </author>
    <published volume='18' year='1997' pages='99-102' size='48'>
      <journal>MAPS</journal>
    </published>
    <keywords>
      <key>analytic geometry</key>
      <key>clipping</key>
      <key>intersection</key>
      <key>linear equations</key>
      <key>logos</key>
      <key>METAPOST</key>
      <key>METAFONT</key>
      <key>MFtoEPS</key>
      <key>outline</key>
      <key>PostScript</key>
      <key>ROEX</key>
      <key>tangent</key>
    </keywords>
    <abstract>
```

```xml
      The problems as treated by Jackowski in his lecture at NTG's 1996 fall meeting: a tangent to a circle, in-
      tersection of circles, V-like logo, and (circular) clipping of waves, are provided with alternative solu-
      tions, along with straightaway PostScript codes.
   </abstract>
</bibentry>

<bibentry type='article' id='18-25' language='EN'>
   <title>Bacho&tex; 97 -- &tex; from inside</title>
   <author>
      <au index='frambache'><fn>Erik</fn><sn>Frambach</sn></au>
      <au index='laanvanderc'><fn>Kees</fn><prf>van der</prf><sn>Laan</sn></au>
   </author>
   <published volume='18' year='1997' pages='103-104' size='54'>
      <journal>MAPS</journal>
   </published>
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      <key>Bacho&tex;</key>
      <key>GUST</key>
      <key>Poland</key>
   </keywords>
   <abstract>
   A report of GUST's 5th conference in Bachotek, Poland.
   </abstract>
</bibentry>

<bibentry type='article' id='18-26' language='NL'>
   <title>Een greep uit de fontverzameling van &tex;</title>
   <author>
      <au index='biegstraatent'><fn>Ton</fn><sn>Biegstraaten</sn></au>
   </author>
   <published volume='18' year='1997' pages='105-113' size='1394'>
      <journal>MAPS</journal>
   </published>
   <abstract>
   De verzameling fonts die beschikbaar is binnen &tex; is zeer omvangrijk. In dit artikel wordt een subjec-
   tieve poging gedaan hier iets van te laten zien.
   </abstract>
</bibentry>

<bibentry type='article' id='18-27' language='EN'>
   <title>&tex;, BLUes, and Jazz -- a search for values</title>
   <author>
      <au index='laanvanderc'><fn>Kees</fn><prf>van der</prf><sn>Laan</sn></au>
   </author>
   <published volume='18' year='1997' pages='115-116' size='26'>
      <journal>MAPS</journal>
   </published>
   <keywords>
      <key>BLUe</key>
      <key>databases</key>
      <key>plain &tex;</key>
   </keywords>
   <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 en-
   gine has been used.
   </abstract>
</bibentry>

<bibentry type='article' id='18-28' language='NL'>
   <title>Gegevensverwerking met da&tex;</title>
   <author>
      <au index='lenstraa'><fn>Andries</fn><sn>Lenstra</sn></au>
      <au index='koningr'><fn>Ruud</fn><sn>Koning</sn></au>
```

```
    </author>
    <published volume='18' year='1997' pages='117-123' size='72'>
      <journal>MAPS</journal>
    </published>
    <keywords>
      <key>databases</key>
      <key>data integrity</key>
      <key>da&tex;</key>
    </keywords>
    <abstract>
    De auteurs geven een inleiding in da&tex;. Dat is een verzameling macro's waarmee gegevens eenvoudig kun-
    nen 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<tt>WWW.xs4all.nl/~rhkoning</tt>.
    </abstract>
</bibentry>

<bibentry type='article' id='18-29' language='EN'>
    <title>Adobe Supra: Adobe's High-Performance Raster Image Processor (RIP) Architecture for Print-on-
    Demand Systems</title>
    <author>
      <au index='tieriew'><fn>Wiegert</fn><sn>Tierie</sn></au>
    </author>
    <published volume='18' year='1997' pages='125-130' size='82'>
      <journal>MAPS</journal>
    </published>
</bibentry>

<bibentry type='article' id='18-30' language='EN'>
    <title>Computergestuurd Zetten of Electronisch publiceren? Nieuwe trends in wetenschappelijk
    publiceren</title>
    <author>
      <au index='taylorp'><fn>Philip</fn><sn>Taylor</sn></au>
    </author>
    <published volume='18' year='1997' pages='131-144' size='172'>
      <journal>MAPS</journal>
    </published>
    <abstract>
    Abstract in het pools, tekst vertaald uit het engels door Taco Hoekwater
    </abstract>
</bibentry>

<bibentry type='article' id='18-31' language='NL'>
    <title>lyx: een front-end voor &latex; of een textprocessor?</title>
    <author>
      <au index='hoekwatert'><fn>Taco</fn><sn>Hoekwater</sn></au>
    </author>
    <published volume='18' year='1997' pages='145-150' size='121'>
      <journal>MAPS</journal>
    </published>
    <keywords>
      <key>LyX</key>
      <key>review</key>
      <key>WYSIWYG</key>
      <key>front-end</key>
    </keywords>
    <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 (<tt>ettrich@informatik.uni-tuebingen.de</tt>).
    </abstract>
</bibentry>

<bibentry type='article' id='18-32' language='NL'>
    <title>kdvi: een verbeterde xdvi</title>
    <author>
```

```xml
    <au index='hoekwatert'><fn>Taco</fn><sn>Hoekwater</sn></au>
  </author>
  <published volume='18' year='1997' pages='151-154' size='129'>
    <journal>MAPS</journal>
  </published>
  <keywords>
    <key>DVI previewer</key>
    <key>previewer</key>
    <key>X</key>
    <key>interface</key>
  </keywords>
  <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</em> software, de huidige versie is 0.2. De auteur is Markku Hihnala
  (<tt>mah@ee.oulu.fi</tt>).
  </abstract>
</bibentry>

<bibentry type='article' id='18-33' language='EN'>
  <title>DVIPS manual -- good old portability, and some more</title>
  <author>
    <au index='laanvanderc'><fn>Kees</fn><prf>van der</prf><sn>Laan</sn></au>
  </author>
  <published volume='18' year='1997' pages='155-159' size='61'>
    <journal>MAPS</journal>
  </published>
  <keywords>
    <key>aligning figures</key>
    <key>BLUe format</key>
    <key>captions</key>
    <key>DVI</key>
    <key>EPS</key>
    <key>figures</key>
    <key>minimal markup</key>
    <key>overprinting</key>
    <key>portability</key>
    <key>PostScript</key>
  </keywords>
  <abstract>
  Portable manuals should be written and marked up in this way. Just a few macros to take care of the for-
  matting. 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 expe-
  rience 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.
  </abstract>
</bibentry>

<bibentry type='article' id='18-34' language='EN'>
  <title>How to handle compound and bounded words</title>
  <author>
    <au index='hagenj'><fn>Hans</fn><sn>Hagen</sn></au>
  </author>
  <published volume='18' year='1997' pages='161-166' size='44'>
    <journal>MAPS</journal>
  </published>
  <keywords>
    <key>compound words</key>
    <key>hyphenation</key>
    <key>&context;</key>
    <key>boundary characters</key>
  </keywords>
  <abstract>
  The dutch language permits words to be combined in many ways. To permit such compound words to be hyphen-
  ated properly, a versatile mechanism is presented, that handles all kind of compound and boundary situa-
  tions. Although part of &context;, this module can be used in other packages as well.
```

```xml
      </abstract>
  </bibentry>

  <bibentry type='article' id='18-35' language='NL'>
    <title>Een moderne toren van Babel</title>
    <author>
      <au index='braamsj'><fn>Johannes</fn><sn>Braams</sn></au>
    </author>
    <published volume='18' year='1997' pages='167-170' size='61'>
      <journal>MAPS</journal>
    </published>
    <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.
    </abstract>
  </bibentry>

  <bibentry type='article' id='18-36' language='EN'>
    <title>Stretching the limits of Babel, an Ever Growing Package?</title>
    <author>
      <au index='braamsj'><fn>Johannes</fn><sn>Braams</sn></au>
    </author>
    <published volume='18' year='1997' pages='171-174' size='43'>
      <journal>MAPS</journal>
    </published>
  </bibentry>

  <bibentry type='message' id='18-37' language='EN'>
    <title>NTG Ledeninformatie</title>
    <published volume='18' year='1997' pages='175-190' size='72'>
      <journal>MAPS</journal>
    </published>
  </bibentry>

  <bibentry type='book' id='maps19' language='NL/EN'>
    <title>MAPS 97.2</title>
    <editor index='hoekwatert'><fn>Taco</fn><sn>Hoekwater</sn></editor>
    <published volume='19' year='1997' pages='1-175'>
      <series>MAPS</series>
      <publisher>NTG</publisher>
    </published>
    <keywords>
      <key>NTG</key>
      <key>MAPS</key>
      <key>Minutes &amp; Appendices</key>
    </keywords>
    <abstract>
    NTG's magazine
    </abstract>
  </bibentry>

  <bibentry type='verslag' id='19-1' language='NL'>
    <title>Verslag 19de NTG Bijeenkomst</title>
    <author>
      <au index='goddijnf'><fn>Frans</fn><sn>Goddijn</sn></au>
    </author>
    <published volume='19' year='1997' pages='1-3' size='39'>
      <journal>MAPS</journal>
    </published>
    <keywords>
      <key>report</key>
      <key>meeting</key>
      <key>members meeting</key>
    </keywords>
    <abstract>
```

```
      Opening, Notulen, Ingekomen stukken en mededelingen, ledenvergadering
    </abstract>
</bibentry>

<bibentry type='message' id='19-2' language='NL'>
    <title>Van de Voorzitter (1997/2)</title>
    <author>
        <au index='frambache'><fn>Erik</fn><sn>Frambach</sn></au>
    </author>
    <published volume='19' year='1997' pages='4' size='59'>
        <journal>MAPS</journal>
    </published>
</bibentry>

<bibentry type='message' id='19-3' language='NL'>
    <title>Redactioneel (1997/2)</title>
    <author>
        <au index='hoekwatert'><fn>Taco</fn><sn>Hoekwater</sn></au>
    </author>
    <published volume='19' year='1997' pages='5' size='14'>
        <journal>MAPS</journal>
    </published>
</bibentry>

<bibentry type='message' id='19-4' language='NL'>
    <title>Het weten waard</title>
    <published volume='19' year='1997' pages='6-7' size='31'>
        <journal>MAPS</journal>
    </published>
</bibentry>

<bibentry type='message' id='19-5' language='NL'>
    <title>Begroting NTG 1998</title>
    <author>
        <au index='dekkerw'><fn>Wybo</fn><sn>Dekker</sn></au>
    </author>
    <published volume='19' year='1997' pages='8' size='13'>
        <journal>MAPS</journal>
    </published>
    <keywords>
        <key>budget</key>
    </keywords>
</bibentry>

<bibentry type='message' id='19-6' language='NL'>
    <title>Ontwerpwedstrijd</title>
    <author>
        <au index="ntg"><fn></fn><sn>NTG bestuur</sn></au>
    </author>
    <published volume='19' year='1997' pages='9' size='25'>
        <journal>MAPS</journal>
    </published>
</bibentry>

<bibentry type='article' id='19-7' language='NL'>
    <title>4all&tex; versie 4</title>
    <author>
        <au index='frambache'><fn>Erik</fn><sn>Frambach</sn></au>
    </author>
    <published volume='19' year='1997' pages='10-11' size='38'>
        <journal>MAPS</journal>
    </published>
    <keywords>
        <key index='fourtex'>4&tex;</key>
        <key index='fouralltex'>4all&tex;</key>
        <key>em&tex;</key>
        <key>plug &amp; play</key>
```

```
        <key>CDROM</key>
      </keywords>
      <abstract>
      De vierde editie van de 4all&tex; cdroms komt eraan. Dit artikel beschrijft wat er zoal nieuw is in deze
      editie.
      </abstract>
</bibentry>

<bibentry type='article' id='19-8' language='NL'>
      <title>Het herontwerp van de MAPS</title>
      <author>
        <au index='kroonenbergs'><fn>Siep</fn><sn>Kroonenberg</sn></au>
      </author>
      <published volume='19' year='1997' pages='12' size='15'>
        <journal>MAPS</journal>
      </published>
      <keywords>
        <key>MAPS</key>
        <key>paper format</key>
        <key>fontkeuze</key>
        <key>multi-columns</key>
        <key>layout</key>
      </keywords>
      <abstract>
      Toelichting bij de nieuwe vormgeving van de MAPS: papierformaat, font keuze, aanpassingen voor twee-
      kolomsopmaak.
      </abstract>
</bibentry>

<bibentry type='article' id='19-9' language='NL'>
      <title>De macros uit de nieuwe MAPS class</title>
      <author>
        <au index='hoekwatert'><fn>Taco</fn><sn>Hoekwater</sn></au>
      </author>
      <published volume='19' year='1997' pages='13-18' size='54'>
        <journal>MAPS</journal>
      </published>
      <keywords>
        <key>MAPS class file</key>
        <key>macro design</key>
        <key>layout</key>
      </keywords>
      <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.
      </abstract>
</bibentry>

<bibentry type='article' id='19-10' language='EN'>
      <title>Book Design for &tex; Users -- Part 1: Theory</title>
      <author>
        <au index='taylorp'><fn>Philip</fn><sn>Taylor</sn></au>
      </author>
      <published volume='19' year='1997' pages='19-27' size='104'>
        <journal>MAPS</journal>
      </published>
      <keywords>
        <key>design</key>
        <key>typography</key>
        <key>layout</key>
      </keywords>
      <abstract>
      Book design cannot be taught; it can only be learned, preferably by critical study of as many books as pos-
      sible. Of all the elements which make up a book, white space is frequently the least considered and the
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```xml
      most important.<em>Avant garde</em> designs are compared and contrasted with more conservative and tra-
      ditional approaches. Three key elements:<em>uniformity</em>,<em>information</em> and<em>structure</em>
      are identified, and 'good design practice' discussed in terms of each of these.
      </abstract>
</bibentry>

<bibentry type='article' id='19-11' language='EN'>
  <title>Book Design for &tex; Users -- Part 2: Practice</title>
  <author>
    <au index='taylorp'><fn>Philip</fn><sn>Taylor</sn></au>
  </author>
  <published volume='19' year='1997' pages='28-38' size='121'>
    <journal>MAPS</journal>
  </published>
  <keywords>
    <key>design</key>
    <key>typography</key>
    <key>layout</key>
  </keywords>
  <abstract>
  In the predecessor to this paper, three fundamental concepts of<em>uniformity</em>,<em>information</em>
  and<em>structure</em> 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 lay-
  out; 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.
  </abstract>
</bibentry>

<bibentry type='article' id='19-12' language='EN'>
  <title>Tiling in PostScript and METAFONT -- Escher's wink</title>
  <author>
    <au index='laanvanderc'><fn>Kees</fn><prf>van der</prf><sn>Laan</sn></au>
  </author>
  <published volume='19' year='1997' pages='39-67' size='819'>
    <journal>MAPS</journal>
  </published>
  <keywords>
    <key>Apollonius</key>
    <key>computer art</key>
    <key>Douat</key>
    <key>Duerer</key>
    <key>EPS</key>
    <key>Escher</key>
    <key>graphics</key>
    <key>METAFONT</key>
    <key>METAPOST</key>
    <key>outline</key>
    <key>Kepler</key>
    <key>Mondrian</key>
    <key>parquet</key>
    <key>Penrose</key>
    <key>PostScript</key>
    <key>puzzles</key>
    <key>Soddy</key>
    <key>tiling</key>
    <key>Truchet</key>
    <key>turtle graphics</key>
    <key>zero finding</key>
  </keywords>
  <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.
  </abstract>
</bibentry>

<bibentry type='article' id='19-13' language='NL'>
```

```xml
    <title>Toolbox (1997)</title>
    <author>
      <au index='geldermanm'><fn>Maarten</fn><sn>Gelderman</sn></au>
    </author>
    <published volume='19' year='1997' pages='68-70' size='44'>
      <journal>MAPS</journal>
    </published>
    <keywords>
      <key>PostScript</key>
      <key>installation</key>
      <key>toolbox</key>
    </keywords>
    <abstract>
    Er lopen in de wereld zo veel &tex;-gebruikers rond, dat het zelden zal voorkomen dat een normale ge-
    bruiker de eerste is die een probleem tegen komt. Meestal zal dit probleem ook al door iemand anders zi-
    jn opgelost en vaak staat de oplossing op de 4all&tex;, &tex;live of een andere cd-rom. Indien daar ni-
    et te vinden is staat er vast wel een oplossing op ctan of &eacute;&eacute;n of andere Internetsite. Het
    probleem zit hem niet in de beschikbaarheid, maar in het opsporen van de oplossing. Artikelen in maps zi-
    jn 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 lu-
    cifers 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.
    </abstract>
</bibentry>

<bibentry type='article' id='19-14' language='NL'>
    <title>TUG'97 conferentie</title>
    <author>
      <au index='frambache'><fn>Erik</fn><sn>Frambach</sn></au>
    </author>
    <published volume='19' year='1997' pages='71-72' size='27'>
      <journal>MAPS</journal>
    </published>
    <keywords>
      <key>TUG conference</key>
      <key>San Francisco</key>
    </keywords>
    <abstract>
    Een kort verslag van de conferentie van de &tex; Users Group 1997 in San Francisco, USA.
    </abstract>
</bibentry>

<bibentry type='article' id='19-15' language='NL'>
    <title>Installatie-handleidinkje voor '&latex; voor Windows 1.0'</title>
    <author>
      <au index='hardinr'><fn>Robbert</fn><sn>Hardin</sn></au>
    </author>
    <published volume='19' year='1997' pages='73-75' size='32'>
      <journal>MAPS</journal>
    </published>
    <keywords>
      <key>&latex;</key>
      <key>Windows</key>
      <key>systems</key>
      <key>installation</key>
    </keywords>
    <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).
    </abstract>
</bibentry>

<bibentry type='article' id='19-16' language='NL'>
    <title>&latex; &amp; Chinees</title>
```

```xml
  <author>
    <au index='frambache'><fn>Erik</fn><sn>Frambach</sn></au>
  </author>
  <published volume='19' year='1997' pages='76-78' size='110'>
    <journal>MAPS</journal>
  </published>
  <keywords>
    <key>&latex;</key>
    <key>Chinese</key>
    <key>CJK</key>
    <key>fonts</key>
    <key>PostScript</key>
    <key>Big5</key>
  </keywords>
  <abstract>
  Met behulp van het &latex;-package 'CJK' is het mogelijk om tekst te zetten in het Chinees, Japans en Ko-
  reaans. 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, eve-
  nals het gebruik van dit systeem in de praktijk.
  </abstract>
</bibentry>

<bibentry type='article' id='19-17' language='EN'>
  <title>&tex; inside, insight, in sight: get priorities right</title>
  <author>
    <au index='laanvanderc'><fn>Kees</fn><prf>van der</prf><sn>Laan</sn></au>
  </author>
  <published volume='19' year='1997' pages='79-86' size='98'>
    <journal>MAPS</journal>
  </published>
  <keywords>
    <key>active list separators</key>
    <key>greyboxes</key>
    <key>hyphenation of accented words</key>
    <key>minimal markup</key>
    <key>partitioned matrices</key>
    <key>two-part macros</key>
  </keywords>
  <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.
  </abstract>
</bibentry>

<bibentry type='article' id='19-18' language='NL'>
  <title>Local Guide &tex;-installatie Fewec</title>
  <author>
    <au index='geldermanm'><fn>Maarten</fn><sn>Gelderman</sn></au>
  </author>
  <published volume='19' year='1997' pages='87-96' size='86'>
    <journal>MAPS</journal>
  </published>
  <keywords>
    <key>local guide</key>
    <key>&latex; installation</key>
    <key>editor</key>
    <key>Jed</key>
  </keywords>
  <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 bi-
  jzonderheden 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.
```

```xml
    </abstract>
</bibentry>

<bibentry type='article' id='19-19' language='EN'>
  <title>User manual for kluwer.cls</title>
  <author>
    <au index='kluwer'><fn></fn><sn>Kluwer Academic Publishers</sn></au>
  </author>
  <published volume='19' year='1997' pages='97-111' size='209'>
    <journal>MAPS</journal>
  </published>
  <keywords>
    <key>&latex;2e</key>
    <key>electronic submission</key>
    <key>user manual</key>
    <key>class file</key>
    <key>Kluwer</key>
  </keywords>
  <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 gener-
  ic class, which allows us to have a simple conversion to different journal layouts. The kluwer.cls class
  file is similar to the<em>article</em> class file of &latex;, but it has some extra fields in the preamble
  and some extended commands for the body text.
  </abstract>
</bibentry>

<bibentry type='article' id='19-20' language='NL'>
  <title>Quark Xpress: een vakantieliefde</title>
  <author>
    <au index='goddijnf'><fn>Frans</fn><sn>Goddijn</sn></au>
  </author>
  <published volume='19' year='1997' pages='112-114' size='35'>
    <journal>MAPS</journal>
  </published>
  <keywords>
    <key>Quark Xpress</key>
    <key>manual</key>
  </keywords>
  <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?
  </abstract>
</bibentry>

<bibentry type='article' id='19-21' language='NL'>
  <title>&context; voor beginners</title>
  <author>
    <au index='hagenj'><fn>Hans</fn><sn>Hagen</sn></au>
    <au index='ottent'><fn>Ton</fn><sn>Otten</sn></au>
  </author>
  <published volume='19' year='1997' pages='115-177' size='2263'>
    <journal>MAPS</journal>
  </published>
  <keywords>
    <key>&context; manual</key>
  </keywords>
  <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.
  </abstract>
</bibentry>
```

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<bibentry type='book' id='maps20' language='NL/EN'>
  <title>MAPS 98.1</title>
  <editor index='hoekwatert'><fn>Taco</fn><sn>Hoekwater</sn></editor>
  <published volume='20' year='1998' pages='1-348'>
    <series>MAPS</series>
    <publisher>NTG</publisher>
  </published>
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    <key>MAPS</key>
    <key>Minutes &amp; Appendices</key>
  </keywords>
  <abstract>
  NTG's magazine
  </abstract>
</bibentry>

<bibentry type="verslag" id="20-1" language='NL'>
  <title>Verslag 20e bijeenkomst, 11 november 1997</title>
  <author>
    <au index="goddijnf"><fn>Frans</fn><sn>Goddijn</sn></au>
  </author>
  <published volume="20" year="1998" pages="1-2" size='87'>
    <journal>MAPS</journal>
  </published>
  <keywords>
    <key>report</key>
    <key>members meeting</key>
  </keywords>
</bibentry>

<bibentry type='message' id='20-2' language='NL'>
  <title>Van de Voorzitter (1998/1)</title>
  <author>
    <au index='frambache'><fn>Erik</fn><sn>Frambach</sn></au>
  </author>
  <published volume='20' year='1998' pages='3-4' size='136'>
    <journal>MAPS</journal>
  </published>
</bibentry>

<bibentry type='message' id='20-3' language='NL'>
  <title>From the TUG President</title>
  <author>
    <au index='jettm'><fn>Mimi</fn><sn>Jett</sn></au>
  </author>
  <published volume='20' year='1998' pages='5' size='75'>
    <journal>MAPS</journal>
  </published>
</bibentry>

<bibentry type='message' id='20-4' language='NL'>
  <title>Redactioneel (1998/1)</title>
  <author>
    <au index='hoekwatert'><fn>Taco</fn><sn>Hoekwater</sn></au>
    <au index='kroonenbergs'><fn>Siep</fn><sn>Kroonenberg</sn></au>
  </author>
  <published volume='20' year='1998' pages='6' size='59'>
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<bibentry type='message' id='20-5' language='NL'>
  <title>Het weten waard</title>
  <published volume='20' year='1998' pages='7-8' size='138'>
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<bibentry type='message' id='20-6' language='NL'>
  <title>Financieel verslag 1997</title>
  <author>
    <au index='dekkerw'><fn>Wybo</fn><sn>Dekker</sn></au>
  </author>
  <published volume='20' year='1998' pages='9-10' size='63'>
    <journal>MAPS</journal>
  </published>
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<bibentry type='message' id='20-7' language='NL'>
  <title>Jaarverslag ntg 1997</title>
  <author>
    <au index='nesvang'><fn>Gerard</fn><prf>van</prf><sn>Nes</sn></au>
  </author>
  <published volume='20' year='1998' pages='11-14' size='95'>
    <journal>MAPS</journal>
  </published>
  <keywords>
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  </keywords>
</bibentry>

<bibentry type='message' id='20-8' language='NL'>
  <title>De NTG en het Internet (1998/1)</title>
  <author>
    <au index='weerdenvanj'><fn>Jules</fn><prf>van</prf><sn>Weerden</sn></au>
    <au index="geldermanm"><fn>Maarten</fn><sn>Gelderman</sn></au>
  </author>
  <published volume='20' year='1998' pages='15-16' size='105'>
    <journal>MAPS</journal>
  </published>
  <keywords>
    <key>discussionlist</key>
    <key>TEX-NL</key>
  </keywords>
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<bibentry type='message' id='20-9' language='NL'>
  <title>FGBBS op snelheid -- verslag van FGBBS</title>
  <author>
    <au index="goddijnf"><fn>Frans</fn><sn>Goddijn</sn></au>
  </author>
  <published volume='20' year='1998' pages='17-19' size='106'>
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    <key>library</key>
  </keywords>
</bibentry>

<bibentry type='message' id='20-10' language='NL'>
  <title>10 jaar NTG -- wat vinden de leden</title>
  <author>
    <au index='hagenh'><fn>Hans</fn><sn>Hagen</sn></au>
    <au index="geldermanm"><fn>Maarten</fn><sn>Gelderman</sn></au>
  </author>
  <published volume='20' year='1998' pages='20-24' size='162'>
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<bibentry type='message' id='20-11' language='NL'>
   <title>Het nieuwe NTG logo</title>
   <author>
      <au index="kroonenbergs"><fn>Siep</fn><sn>Kroonenberg</sn></au>
   </author>
   <published volume='20' year='1998' pages='25-26' size='129'>
      <journal>MAPS</journal>
   </published>
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      <key>EPS</key>
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<bibentry type='article' id='20-12' language='en'>
   <title>Why \expandafter is sometimes needed by common users too</title>
   <author>
      <au index="hagenh"><fn>Hans</fn><sn>Hagen</sn></au>
   </author>
   <published volume='20' year='1998' pages='26' size='93'>
      <journal>MAPS</journal>
   </published>
   <keywords>
      <key index='expandaftera'>\expandafter</key>
      <key>macro language</key>
   </keywords>
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<bibentry type="article" id="20-13" language='NL'>
   <title>10 jaar NTG</title>
   <author>
      <au index="frambache"><fn>Erik</fn><sn>Frambach</sn></au>
   </author>
   <published volume="20" year="1998" pages="27-32" size='141'>
      <journal>MAPS</journal>
   </published>
   <keywords>
      <key>NTG</key>
      <key>&tex; user groups</key>
      <key>lustrum</key>
   </keywords>
   <abstract>
   Een terugblik op tien jaar NTG, met een vooruitblik naar de komende jaren.
   </abstract>
</bibentry>

<bibentry type="article" id="20-14" language='EN'>
   <title>Euro&tex;'98 in Saint-Malo, France</title>
   <author>
      <au index="frambache"><fn>Erik</fn><sn>Frambach</sn></au>
      <au index="hagenh"><fn>Hans</fn><sn>Hagen</sn></au>
      <au index="hoekwatert"><fn>Taco</fn><sn>Hoekwater</sn></au>
      <au index="kroonenbergs"><fn>Siep</fn><sn>Kroonenberg</sn></au>
   </author>
   <published volume="20" year="1998" pages="33-37" size='250'>
      <journal>MAPS</journal>
   </published>
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    <keywords>
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      <key>conference</key>
      <key>Saint-Malo</key>
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    <abstract>
    This year's Euro&tex; 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 &tex;nical aspects of the conference.
    </abstract>
</bibentry>

<bibentry type='article' id='20-15' language='en'>
    <title>Expansion, what is that?</title>
    <author>
      <au index="hagenh"><fn>Hans</fn><sn>Hagen</sn></au>
    </author>
    <published volume='20' year='1998' pages='37/43' size='163'>
      <journal>MAPS</journal>
    </published>
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      <key>macro language</key>
    </keywords>
</bibentry>

<bibentry type="article" id="20-16" language='EN'>
    <title>Color in professional print production</title>
    <author>
      <au index="kroonenbergs"><fn>Siep</fn><sn>Kroonenberg</sn></au>
    </author>
    <published volume="20" year="1998" pages="38-43" size='1101'>
      <journal>MAPS</journal>
    </published>
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      <key>device-independent color</key>
      <key>color conversion</key>
      <key>color separation</key>
      <key>PDF</key>
    </keywords>
    <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.
    </abstract>
</bibentry>

<bibentry type="article" id="20-17" language='EN'>
    <title>Microsoft buys &tex;, plans new products</title>
    <author>
      <au index="kinchr"><fn>Richard</fn><sn>Kinch</sn></au>
    </author>
    <published volume="20" year="1998" pages="44-45" size='800'>
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    </published>
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      <key>Knuth</key>
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<bibentry type="article" id="20-18" language='NL'>
    <title>Reprint Maps issue #1</title>
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    <author>
      <au index="nesvang"><fn>Gerard</fn><prf>van</prf><sn>Nes</sn></au>
    </author>
    <published volume="20" year="1998" pages="46-64" size='876'>
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    </published>
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    <abstract>
    This is a fascimile of the very first MAPS issue, originally published in 1988
    </abstract>
</bibentry>

<bibentry type="article" id="20-19" language='NL'>
    <title>Het zetten van wetenschappelijk werk: 1973 vs 1998 -- (Monotype vs &tex;)</title>
    <author>
      <au index="oomeng"><fn>Gerrit</fn><sn>Oomen</sn></au>
    </author>
    <published volume="20" year="1998" pages="65-71" size='263'>
      <journal>MAPS</journal>
    </published>
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      <key>monotype</key>
      <key>traditional typesetting</key>
    </keywords>
</bibentry>

<bibentry type="article" id="20-20" language='NL'>
    <title>Typografische scanning</title>
    <author>
      <au index="hoekwatert"><fn>Taco</fn><sn>Hoekwater</sn></au>
    </author>
    <published volume="20" year="1998" pages="72-79" size='360'>
      <journal>MAPS</journal>
    </published>
    <keywords>
      <key>typography</key>
      <key>dutch</key>
    </keywords>
    <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.
    </abstract>
</bibentry>

<bibentry type="article" id="20-21" language='NL'>
    <title>Vlakverdeling in &context;</title>
    <author>
      <au index="hagenh"><fn>Hans</fn><sn>Hagen</sn></au>
    </author>
    <published volume="20" year="1998" pages="80-107" size='379'>
      <journal>MAPS</journal>
    </published>
    <keywords>
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      <key>layout</key>
      <key>grids</key>
      <key>two-up</key>
      <key>logos</key>
      <key>arranging pages</key>
    </keywords>
    <abstract>
```

```
    This article is actually chapter 3 of the &context; reference manual, typeset in the MAPS layout. Atten-
    tion will be paid to defining layout specific areas, rearranging pages, locating logos, typesetting on a
    grid and adding cutmarks.
    </abstract>
</bibentry>

<bibentry type="article" id="20-22" language='EN'>
  <title>Arab&tex; -- Typesetting Arabic with Vowels and Ligatures</title>
  <author>
    <au index="lagallyk"><fn>Klaus</fn><sn>Lagally</sn></au>
  </author>
  <published volume="20" year="1998" pages="108-116" size='230'>
    <journal>MAPS</journal>
  </published>
  <keywords>
    <key>Arab&tex;</key>
    <key>transliteration</key>
    <key>arabic</key>
    <key>Farsi</key>
    <key>Urdu</key>
    <key>Pashto</key>
  </keywords>
  <abstract>
    We present a &tex; macro package for generating the arabic writing from a standardized ASCII input nota-
    tion. It can handle partial or full vocalization, and generates automatically most of the common liga-
    tures. There is limited support for Farsi, Urdu, and Pashto. Arab&tex; is compatible with Plain &tex;
    and also most &latex; environments; arabic and other material can be mixed freely. For special purpos-
    es the standard transliteration can be additionally generated. Arab&tex; uses no preprocessor and thus
    should be compatible with any &tex; implementation that allows dynamic loading of additional macro files
    and fonts.
  </abstract>
</bibentry>

<bibentry type="article" id="20-23" language='NL'>
  <title>Dartele cijfers: poor man's oldstyle</title>
  <author>
    <au index="goddijnf"><fn>Frans</fn><sn>Goddijn</sn></au>
  </author>
  <published volume="20" year="1998" pages="117-119" size='71'>
    <journal>MAPS</journal>
  </published>
  <keywords>
    <key>oldstyle</key>
    <key>mediaeval</key>
    <key>digits</key>
    <key>numbers</key>
    <key>trucs</key>
    <key>pstricks</key>
  </keywords>
  <abstract>
    Erik Frambach vroeg zich af of het mogelijk zou zijn om met wat trucs de oldstyle cijfers te emuleren dij
    fijnproevers zo mooi vinden. En het kostte nog minder moeite dan hij had verwacht!
  </abstract>
</bibentry>

<bibentry type="article" id="20-24" language='EN'>
  <title>DVIview, a new previewer</title>
  <author>
    <au index="dobbelsteenvandeng"><fn>Gilbert</fn><prf>van den</prf><sn>Dobbelsteen</sn></au>
  </author>
  <published volume="20" year="1998" pages="120-124" size='154'>
    <journal>MAPS</journal>
  </published>
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    <key>previewer</key>
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        <key>Windows</key>
        <key>outline fonts</key>
      </keywords>
      <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 hilights some features of the soft-
      ware.
      </abstract>
</bibentry>

<bibentry type="article" id="20-25" language='NL'>
    <title>Toolbox (1998)</title>
    <author>
      <au index="geldermanm"><fn>Maarten</fn><sn>Gelderman</sn></au>
    </author>
    <published volume="20" year="1998" pages="125-130" size='190'>
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    </published>
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      <key>toolbox</key>
    </keywords>
    <abstract>
    Literatuurverwijzingen vormen deze keer de hoofdmoot van het verhaal.
    </abstract>
</bibentry>

<bibentry type="article" id="20-26" language='EN'>
    <title>A &latex; Tour, part 3: mfnfss, psnfss and babel</title>
    <author>
      <au index="carlisled"><fn>David</fn><sn>Carlisle</sn></au>
    </author>
    <published volume="20" year="1998" pages="131-137" size='170'>
      <journal>MAPS</journal>
    </published>
    <keywords>
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      <key>psnfss</key>
      <key>mfnfss</key>
      <key>Babel</key>
    </keywords>
</bibentry>

<bibentry type="article" id="20-27" language='NL'>
    <title>Conversie van any&tex; naar HTML met &tex;4ht</title>
    <author>
      <au index="frambache"><fn>Erik</fn><sn>Frambach</sn></au>
    </author>
    <published volume="20" year="1998" pages="138-141" size='178'>
      <journal>MAPS</journal>
    </published>
    <keywords>
      <key>conversion</key>
      <key>HTML</key>
      <key>WWW</key>
      <key>tex4ht</key>
    </keywords>
    <abstract>
    Gurari's &tex;4ht-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 4&tex;-handleiding die
    in &latex; is geschreven.
    </abstract>
</bibentry>
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<bibentry type="article" id="20-28" language='EN'>
  <title>Visual &tex; 5.10 for MS-Windows</title>
  <author>
    <au index="frambache"><fn>Erik</fn><sn>Frambach</sn></au>
  </author>
  <published volume="20" year="1998" pages="142-145" size='242'>
    <journal>MAPS</journal>
  </published>
  <keywords>
    <key>&tex; implementations</key>
    <key>visual &tex;</key>
    <key>Windows</key>
    <key>HTML</key>
  </keywords>
  <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.
  </abstract>
</bibentry>

<bibentry type="article" id="20-29" language='EN'>
  <title>Windvi User's Manual</title>
  <author>
    <au index="popineauf"><fn>Fabrice</fn><sn>Popineau</sn></au>
  </author>
  <published volume="20" year="1998" pages="146-149" size='141'>
    <journal>MAPS</journal>
  </published>
  <keywords>
    <key>DVI previewer</key>
    <key>windvi</key>
    <key>manual</key>
  </keywords>
  <abstract>
  This article is an adaptation of the HTML file that comes with the current (0.40) version of windvi
  </abstract>
</bibentry>

<bibentry type="article" id="20-30" language='EN'>
  <title>PPCH&tex; -- a macropackage for typesetting chemical structure formulas with &tex; -- release
  2</title>
  <author>
    <au index="ottent"><fn>Ton</fn><sn>Otten</sn></au>
  </author>
  <published volume="20" year="1998" pages="150-209" size='555'>
    <journal>MAPS</journal>
  </published>
  <keywords>
    <key>PPCH&tex;</key>
    <key>chemical formulas</key>
    <key>graphics</key>
    <key>manual</key>
  </keywords>
  <abstract>
  A few years ago PPCH&tex; was introduced. This generic macro package can be used to typeset chemical
  structure formulas. Currently the NTG supports a dedicated mailing list, to which quite some users sub-
  scribed. Here we present the long awaited for english update of the manual. The dutch and german manuals
  were already available for about a year and can be uploaded from the NTG server.
  </abstract>
</bibentry>

<bibentry type="article" id="20-31" language='EN'>
  <title>The DJGPP port of web2c</title>
  <author>
    <au index="dobbelsteenvandeng"><fn>Gilbert</fn><prf>van den</prf><sn>Dobbelsteen</sn></au>
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    <published volume="20" year="1998" pages="210-213" size='120'>
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      <key>&tex; implementations</key>
      <key>MS-DOS</key>
      <key>djgpp</key>
    </keywords>
    <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 4all&tex;4 CD-ROM.
    </abstract>
</bibentry>

<bibentry type="article" id="20-32" language='NL'>
    <title>Gezeefd uit de TEX-NL discussielijst (1998)</title>
    <author>
      <au index="goddijnf"><fn>Frans</fn><sn>Goddijn</sn></au>
    </author>
    <published volume="20" year="1998" pages="214-232" size='223'>
      <journal>MAPS</journal>
    </published>
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      <key>registered</key>
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      <key>tips</key>
      <key>hints</key>
      <key>hack</key>
      <key>bugs</key>
    </keywords>
    <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.
    </abstract>
</bibentry>

<bibentry type="article" id="20-33" language='EN'>
    <title>Bacho&tex;'98 -- TUG at hand</title>
    <author>
      <au index="laanvanderk"><fn>Kees</fn><prf>van der</prf><sn>Laan</sn></au>
    </author>
    <published volume="20" year="1998" pages="233-234" size='81'>
      <journal>MAPS</journal>
    </published>
    <keywords>
      <key>Bacho&tex;</key>
      <key>GUST</key>
      <key>Poland</key>
    </keywords>
    <abstract>
    A report on GUST's sixth conference in Bachotek, Poland
    </abstract>
</bibentry>

<bibentry type="article" id="20-34" language='EN'>
    <title>BLUe's OTR for notes: back-to-the-roots</title>
    <author>
      <au index="laanvanderk"><fn>Kees</fn><prf>van der</prf><sn>Laan</sn></au>
    </author>
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    <key>plain &tex;</key>
    <key>preprints</key>
  </keywords>
  <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 &tex;book 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<tt>blue.tex</tt> will be distributed by CTAN, and NTG's
  4All&tex; CD-ROM.
  </abstract>
</bibentry>

<bibentry type="article" id="20-35" language='EN'>
  <title>The Oldenburg e&tex;/&latex;3/&context; meeting</title>
  <author>
    <au index="carlisled"><fn>David</fn><sn>Carlisle</sn></au>
  </author>
  <published volume="20" year="1998" pages="238-242" size='169'>
    <journal>MAPS</journal>
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    <key>&latex;3</key>
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<bibentry type="article" id="20-36" language='EN'>
  <title>Summary of math font-related activities at Euro&tex; '98</title>
  <author>
    <au index="beetonb"><fn>Barbara</fn><sn>Beeton</sn></au>
    <au index="bouchet"><fn>Thierry</fn><sn>Bouche</sn></au>
    <au index="hoekwatert"><fn>Taco</fn><sn>Hoekwater</sn></au>
    <au index="ionp"><fn>Patrick</fn><sn>Ion</sn></au>
    <au index="knappenj"><fn>J&ouml;rg</fn><sn>Knappen</sn></au>
    <au index="rowleyc"><fn>Chris</fn><sn>Rowley</sn></au>
    <au index="viethu"><fn>Ulrik</fn><sn>Vieth</sn></au>
  </author>
  <published volume="20" year="1998" pages="243-246" size='95'>
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    <key>math fonts</key>
    <key>bof</key>
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<bibentry type="article" id="20-37" language='EN'>
  <title>Summary of indexing-related activities at Euro&tex; '98</title>
  <author>
    <au index="kehrr"><fn>Roger</fn><sn>Kehr</sn></au>
  </author>
  <published volume="20" year="1998" pages="247" size='94'>
    <journal>MAPS</journal>
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      <key>bof</key>
    </keywords>
    <abstract>
    This is an adaptation of the ascii file posted to the xindy newsgroup by Roger Kehr in the week following
    Euro&tex;.
    </abstract>
</bibentry>

<bibentry type="article" id="20-38" language='EN'>
    <title>The e-&tex; manual, version 2, februari 1998</title>
    <author>
      <au index="nts"><fn></fn><sn>NTS team</sn></au>
      <au index="breitenlohnerp"><fn>Peter</fn><sn>Breitenlohner</sn></au>
    </author>
    <published volume="20" year="1998" pages="248-263" size='221'>
      <journal>MAPS</journal>
    </published>
    <keywords>
      <key>e-&tex;</key>
    </keywords>
    <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.
    </abstract>
</bibentry>

<bibentry type="article" id="20-39" language='EN'>
    <title>Generating Type 1 fonts from METAFONT Sources</title>
    <author>
      <au index="hoekwatert"><fn>Taco</fn><sn>Hoekwater</sn></au>
    </author>
    <published volume="20" year="1998" pages="264-275" size='657'>
      <journal>MAPS</journal>
    </published>
    <keywords>
      <key>METAFONT</key>
      <key>PostScript</key>
      <key>Type 1 fonts</key>
      <key>conversion</key>
      <key>metafog</key>
    </keywords>
    <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.
    </abstract>
</bibentry>

<bibentry type="article" id="20-40" language='NL'>
    <title>Vergelijking van SGML en XML</title>
    <author>
      <au index="peppings"><fn>Simon</fn><sn>Pepping</sn></au>
    </author>
    <published volume="20" year="1998" pages="276" size='78'>
      <journal>MAPS</journal>
    </published>
    <keywords>
      <key>SGML</key>
      <key>XML</key>
      <key>comparison</key>
    </keywords>
    <abstract>
    Dit is een inleiding op de volgende bijlage
    </abstract>
</bibentry>
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<bibentry type="article" id="20-41" language='EN'>
  <title>Comparison of SGML and XML</title>
  <author>
    <au index="clarckj"><fn>James</fn><sn>Clark</sn></au>
  </author>
  <published volume="20" year="1998" pages="277-279" size='107'>
    <journal>MAPS</journal>
  </published>
  <keywords>
    <key>SGML</key>
    <key>XML</key>
    <key>comparison</key>
  </keywords>
  <abstract>
  This document provides a detailed comparison of SGML (ISO 8879) and XML.
  </abstract>
</bibentry>

<bibentry type="article" id="20-42" language='EN'>
  <title>Comparing &context; and &latex;</title>
  <author>
    <au index="hoekwatert"><fn>Taco</fn><sn>Hoekwater</sn></au>
  </author>
  <published volume="20" year="1998" pages="280-285" size='155'>
    <journal>MAPS</journal>
  </published>
  <keywords>
    <key>&context;</key>
    <key>&latex;</key>
    <key>comparison</key>
    <key>copyright</key>
    <key>size</key>
    <key>speed</key>
    <key>functionality</key>
  </keywords>
  <abstract>
  Some aspects of &context; and &latex; are compared: the political decisions, the offered functionality,
  size of the system, and relative speed.
  </abstract>
</bibentry>

<bibentry type="article" id="20-43" language='EN'>
  <title>Pretty printing &tex; METAPOST, Perl and JavaScript</title>
  <author>
    <au index="hagenh"><fn>Hans</fn><sn>Hagen</sn></au>
  </author>
  <published volume="20" year="1998" pages="286-289" size='105'>
    <journal>MAPS</journal>
  </published>
  <keywords>
    <key>verbatim</key>
    <key>METAPOST</key>
    <key>Perl</key>
    <key>JavaScript</key>
    <key>&context;</key>
  </keywords>
  <abstract>
  Although for real pretty printing of sources one has to use CWEB like environments, &tex; can als 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.
  </abstract>
</bibentry>

<bibentry type="article" id="20-44" language='EN'>
  <title>The Calculator Demo -- Integrating &tex;, METAPOST, JavaScript and PDF</title>
  <author>
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    <au index="hagenh"><fn>Hans</fn><sn>Hagen</sn></au>
  </author>
  <published volume="20" year="1998" pages="290-296" size='201'>
    <journal>MAPS</journal>
  </published>
  <keywords>
    <key>METAPOST</key>
    <key>JavaScript</key>
    <key>PDF</key>
    <key>&context;</key>
    <key>pdf&tex;</key>
  </keywords>
  <abstract>
  Due to it's open character, &tex; can act as an authoring tool. This article demonstrates that by inte-
  grating &tex;, METAPOST, JavaScript and PDF, one can build pretty advanced documents. More and more doc-
  uments will get the characteristics of programs, and &tex; will be our main tool for producing them. The
  example described here can be produced with pdf&tex; as well as traditional &tex;.
  </abstract>
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<bibentry type="article" id="20-45" language='EN'>
  <title>Contending with Office suites</title>
  <author>
    <au index="kroonenbergs"><fn>Siep</fn><sn>Kroonenberg</sn></au>
  </author>
  <published volume="20" year="1998" pages="297-298" size='85'>
    <journal>MAPS</journal>
  </published>
  <keywords>
    <key>Windows</key>
    <key>suites</key>
    <key>wordprocessors</key>
    <key>graphics</key>
    <key>export</key>
    <key>import</key>
    <key>OLE</key>
    <key>frogs</key>
  </keywords>
  <abstract>
  The author is tried beyond endurance by current Office software.
  </abstract>
</bibentry>

<bibentry type="article" id="20-46" language='EN'>
  <title>4&tex;5.0: TDS, Web2c, and Windows 95/NT</title>
  <author>
    <au index="dolw"><fn>Wietse</fn><sn>Dol</sn></au>
  </author>
  <published volume="20" year="1998" pages="299-301" size='156'>
    <journal>MAPS</journal>
  </published>
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    <key>Windows</key>
    <key>beta preview</key>
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<bibentry type="article" id="20-47" language='EN'>
  <title>Perl and &tex; a simple application</title>
  <author>
    <au index="dobbelsteenvandeng"><fn>Gilbert</fn><prf>van den</prf><sn>Dobbelsteen</sn></au>
  </author>
  <published volume="20" year="1998" pages="302-304" size='126'>
    <journal>MAPS</journal>
  </published>
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  <keywords>
    <key>Perl</key>
    <key>&tex;</key>
    <key>application</key>
  </keywords>
  <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.
  </abstract>
</bibentry>

<bibentry type="article" id="20-48" language='EN'>
  <title>Some funny macro's</title>
  <author>
    <au index="hagenh"><fn>Hans</fn><sn>Hagen</sn></au>
  </author>
  <published volume="20" year="1998" pages="305-310" size='110'>
    <journal>MAPS</journal>
  </published>
  <keywords>
    <key>dropped caps</key>
    <key>&context;</key>
    <key>first line treatment</key>
  </keywords>
  <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.
  </abstract>
</bibentry>

<bibentry type="article" id="20-49" language='NL'>
  <title>&context; -- een handleiding</title>
  <author>
    <au index="hagenh"><fn>Hans</fn><sn>Hagen</sn></au>
    <au index="ottent"><fn>Ton</fn><sn>Otten</sn></au>
  </author>
  <published volume="20" year="1998" pages="311-347" size='1150'>
    <journal>MAPS</journal>
  </published>
  <keywords>
    <key>manual</key>
    <key>beginner</key>
    <key>&context;</key>
  </keywords>
  <abstract>
  This is the second half of the &context; manual for beginners. Those who want an index and a quick refer-
  ence guide, can dowload the complete manual from the NTG server. The layout is adapted to the MAPS layout.
  </abstract>
</bibentry>

<bibentry type='book' id='maps21' language='NL/EN'>
  <title>MAPS 98.2</title>
  <editor index='hoekwatert'><fn>Taco</fn><sn>Hoekwater</sn></editor>
  <published volume='21' year='1998' pages='1-84'>
    <series>MAPS</series>
    <publisher>NTG</publisher>
  </published>
  <keywords>
    <key>NTG</key>
    <key>MAPS</key>
    <key>Minutes &amp; Appendices</key>
  </keywords>
  <abstract>
  NTG's magazine
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<bibentry type="verslag" id="21-1" language='NL'>
    <title>Verslag 21ste ledenvergadering NTG</title>
    <author>
      <au index="geldermanm"><fn>Maarten</fn><sn>Gelderman</sn></au>
    </author>
    <published volume="21" year="1998" pages="1" size='62'>
      <journal>MAPS</journal>
    </published>
    <abstract>
    Opening; Notulen 20ste bijeenkomst; Verslag van de secretaris; Verslag penningmeester en kascontrolecom-
    missie; Bestuursverkiezingen; Erelidmaadschap.
    </abstract>
</bibentry>

<bibentry type="message" id="21-2" language='NL'>
    <title>Van de Voorzitter (1998/2)</title>
    <author>
      <au index="frambache"><fn>Erik</fn><sn>Frambach</sn></au>
    </author>
    <published volume="21" year="1998" pages="2" size='63'>
      <journal>MAPS</journal>
    </published>
</bibentry>

<bibentry type="message" id="21-3" language='NL'>
    <title>Redactioneel (1998/2)</title>
    <author>
      <au index="kroonenbergs"><fn>Siep</fn><sn>Kroonenberg</sn></au>
      <au index="hoekwatert"><fn>Taco</fn><sn>Hoekwater</sn></au>
    </author>
    <published volume="21" year="1998" pages="3" size='62'>
      <journal>MAPS</journal>
    </published>
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<bibentry type="message" id="21-4" language='NL'>
    <title>Het Weten Waard</title>
    <published volume="21" year="1998" pages="4" size='122'>
      <journal>MAPS</journal>
    </published>
</bibentry>

<bibentry type="verslag" id="21-5" language='NL'>
    <title>Verslag 21ste bijeenkomst NTG</title>
    <author>
      <au index="geldermanm"><fn>Maarten</fn><sn>Gelderman</sn></au>
    </author>
    <published volume="21" year="1998" pages="5-6" size='87'>
      <journal>MAPS</journal>
    </published>
</bibentry>

<bibentry type="message" id="21-6" language='NL'>
    <title>De NTG en het Internet (1998/2)</title>
    <author>
      <au index="weerdenvanj"><fn>Jules</fn><prf>van</prf><sn>Weerden</sn></au>
    </author>
    <published volume="21" year="1998" pages="7-8" size='109'>
      <journal>MAPS</journal>
    </published>
    <keywords>
      <key>discussionlist</key>
      <key>TEX-NL</key>
    </keywords>
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    <abstract>
    De NTG is niet alleen met webpagina's op het Internet aanwezig, maar ook middels een aantal discussielij-
    jsten. 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.
    </abstract>
</bibentry>

<bibentry type="article" id="21-7" language='EN'>
    <title>&tex; User Groups around the world</title>
    <author>
      <au index="frambache"><fn>Erik</fn><sn>Frambach</sn></au>
    </author>
    <published volume="21" year="1998" pages="9-12" size='316'>
      <journal>MAPS</journal>
    </published>
    <keywords>
      <key>&tex; user groups</key>
      <key>addresses</key>
    </keywords>
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<bibentry type="article" id="21-8" language='EN'>
    <title>&tex; in 2003: Part I</title>
    <author>
      <au index="ntgtfg"><fn></fn><sn>NTG &tex; Future working group</sn></au>
    </author>
    <published volume="21" year="1998" pages="13-19" size='176'>
      <journal>MAPS</journal>
    </published>
    <keywords>
      <key>&tex;</key>
      <key>future</key>
      <key>proposals</key>
    </keywords>
    <abstract>
    Propositions and conjectures on the future of &tex;. This article was presented at TUG'98 in Torun,
    Poland.
    </abstract>
</bibentry>

<bibentry type="article" id="21-9" language='EN'>
    <title>&tex; in 2003: Part II</title>
    <author>
      <au index="ntgtfg"><fn></fn><sn>NTG &tex; Future working group</sn></au>
    </author>
    <published volume="21" year="1998" pages="20-27" size='175'>
      <journal>MAPS</journal>
    </published>
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      <key>proposals</key>
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      <key>standard</key>
    </keywords>
    <abstract>
    Proposal for a<tt>\special</tt> standard. This article was presented at TUG'98 in Torun, Poland.
    </abstract>
</bibentry>

<bibentry type="article" id="21-10" language='EN'>
    <title>Toolbox: let's keep things plain</title>
    <author>
      <au index="geldermanm"><fn>Maarten</fn><sn>Gelderman</sn></au>
    </author>
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    <published volume="21" year="1998" pages="28-30" size='160'>
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    </published>
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      <key>plain &tex;</key>
      <key>&latex;</key>
      <key>integrating</key>
      <key>toolbox</key>
    </keywords>
    <abstract>
    This Toolbox follows the eclectic approach that most readers will know from previous ones. Without aim-
    ing 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 lan-
    guage 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.
    </abstract>
</bibentry>

<bibentry type="article" id="21-11" language='EN'>
    <title>The 19th annual &tex; Users Group Meeting</title>
    <author>
      <au index="bazargank"><fn>Kaveh</fn><sn>Bazargan</sn></au>
      <au index="taylorp"><fn>Philip</fn><sn>Taylor</sn></au>
    </author>
    <published volume="21" year="1998" pages="31-34" size='120'>
      <journal>MAPS</journal>
    </published>
    <keywords>
      <key>TUG conference</key>
      <key>Torun</key>
      <key>Poland</key>
    </keywords>
    <abstract>
    The 19th annual &tex; Users Group Meeting took place in Torun, Poland, in August of this year. The fol-
    lowing 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.
    </abstract>
</bibentry>

<bibentry type="article" id="21-12" language='EN'>
    <title>Parameterized data for tables in &tex; -- Dynamics, aha!</title>
    <author>
      <au index="laanvanderk"><fn>Kees</fn><prf>van der</prf><sn>Laan</sn></au>
    </author>
    <published volume="21" year="1998" pages="35-39" size='210'>
      <journal>MAPS</journal>
    </published>
    <keywords>
      <key>BLUe</key>
      <key>btable</key>
      <key>code tables</key>
      <key>data generation</key>
      <key>dynamical markup</key>
      <key>parameterization</key>
      <key>tables</key>
      <key>tail recursion</key>
    </keywords>
    <abstract>
    The issue of generating and using parameterized data for tables in &tex; is elaborated upon. The auto-
    matic insertion of markup along with the use of parameterized markup and the<tt>\btable</tt> macro is not
    the issue, but are prerequisites.<tt>\btable</tt>'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;.
    </abstract>
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<bibentry type="article" id="21-13" language='EN'>
  <title>Poor man's cyrillics on a Mac -- &tex;ing English and Russian</title>
  <author>
    <au index="laanvanderk"><fn>Kees</fn><prf>van der</prf><sn>Laan</sn></au>
  </author>
  <published volume="21" year="1998" pages="40-41" size='126'>
    <journal>MAPS</journal>
  </published>
  <keywords>
    <key>cyrillics</key>
    <key>MIME</key>
    <key>Macintosh</key>
    <key>pdf&tex;</key>
  </keywords>
  <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 formating via
  pdf&tex; and sending the .pdf file as attachment in a MIME message.
  </abstract>
</bibentry>

<bibentry type="article" id="21-14" language='EN'>
  <title>Minimal markup -- expansion in the gullet, aha!</title>
  <author>
    <au index="laanvanderk"><fn>Kees</fn><prf>van der</prf><sn>Laan</sn></au>
  </author>
  <published volume="21" year="1998" pages="42-48" size='211'>
    <journal>MAPS</journal>
  </published>
  <keywords>
    <key>BLUe</key>
    <key>crosswords</key>
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    <key>fifo</key>
    <key>look ahead</key>
    <key>minimal markup</key>
    <key>mouth processing</key>
    <key>preprocessing</key>
    <key>tables</key>
    <key>tail recursion</key>
  </keywords>
  <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<tt>\cs</tt> and<tt>\rs</tt>, 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.
  </abstract>
</bibentry>

<bibentry type="article" id="21-15" language='EN'>
  <title>Catching up -- PDF and HTML at the heart</title>
  <author>
    <au index="laanvanderk"><fn>Kees</fn><prf>van der</prf><sn>Laan</sn></au>
  </author>
  <published volume="21" year="1998" pages="49-52" size='153'>
    <journal>MAPS</journal>
  </published>
  <keywords>
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    <key>HTML</key>
    <key>multi-media</key>
    <key>PDF</key>
    <key>pdf&tex;</key>
    <key>PostScript</key>
```

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      <key>WWW</key>
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    <abstract>
    New hardware not only urged me to get &tex; &amp; 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 accep-
    tance of the PDF exchange format and the HTML format, next to the realization of multi-media.
    </abstract>
</bibentry>

<bibentry type="article" id="21-16" language="ne">
    <title>Eenheid in eenheden</title>
    <author>
      <au index="ottent"><fn>Ton</fn><sn>Otten</sn></au>
      <au index="hagenh"><fn>Hans</fn><sn>Hagen</sn></au>
    </author>
    <published volume="21" year="1998" pages="53-60" size='166'>
      <journal>MAPS</journal>
    </published>
    <keywords>
      <key>SI-units</key>
      <key>units</key>
      <key>&context;</key>
    </keywords>
    <abstract>
    In order to support a consistent typography of units in technical documents the &context; module<tt>units</tt>
    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<tt>\unit[]{}{}</tt>.
    </abstract>
</bibentry>

<bibentry type="article" id="21-17" language='EN'>
    <title>The &tex; backend for Jade and the Jade&tex; macros</title>
    <author>
      <au index="rahtzs"><fn>Sebastian</fn><sn>Rahtz</sn></au>
    </author>
    <published volume="21" year="1998" pages="61-69" size='415'>
      <journal>MAPS</journal>
    </published>
    <keywords>
      <key>jade</key>
      <key>jadetex</key>
      <key>dsssl</key>
    </keywords>
    <abstract>
    Jade is an implementation of the DSSSL specification, and includes a &tex; backend; the Jade&tex; macro
    package is needed to process the Jade &tex; output. We describe how Jade and Jade&tex; work together.
    This article was written for the newsletter of the International SGML Users Group.
    </abstract>
</bibentry>

<bibentry type="article" id="21-18" language='EN'>
    <title>Diversity in math fonts</title>
    <author>
      <au index="bouchet"><fn>Thierry</fn><sn>Bouche</sn></au>
    </author>
    <published volume="21" year="1998" pages="70-84" size='1013'>
      <journal>MAPS</journal>
    </published>
    <keywords>
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      <key>&latex;</key>
    </keywords>
    <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 non-
    sense.
    </abstract>
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<bibentry type="book" id="maps22" language="EN/NL">
    <title>MAPS 99.1</title>
    <editor index="hoekwatert"><fn>Taco</fn><sn>Hoekwater</sn></editor>
    <published volume="1999" year="1999" pages="1-176">
      <series>MAPS</series>
      <publisher>NTG</publisher>
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    NTG's magazine
    </abstract>
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<bibentry type="message" id="22-1" language='NL'>
    <title>Van de voorzitter</title>
    <author>
      <au index="frambache"><fn>Erik</fn><sn>Frambach</sn></au>
    </author>
    <published volume="22" year="1999" pages="1" size="21">
      <journal>MAPS</journal>
    </published>
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<bibentry type="message" id="22-2" language='NL'>
    <title>Redactioneel</title>
    <author>
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      <au index="kroonenbergs"><fn>Siep</fn><sn>Kroonenberg</sn></au>
    </author>
    <published volume="22" year="1999" pages="2" size="17">
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<bibentry type="message" id="22-3" language='NL'>
    <title>NTG and &tex; info</title>
    <author>
      <au index="ntg"><fn></fn><sn>NTG</sn></au>
    </author>
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<bibentry type="message" id="22-4" language='EN'>
    <title>Letter from Donald Knuth</title>
    <author>
      <au index="knuthd"><fn>Donald</fn><sn>Knuth</sn></au>
    </author>
    <published volume="22" year="1999" pages="4" size="21">
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  <author>
    <au index="goddijnf"><fn>Frans</fn><sn>Goddijn</sn></au>
  </author>
  <published volume="22" year="1999" pages="5-6" size="22">
    <journal>MAPS</journal>
  </published>
  <keywords>
    <key>FGBBS</key>
    <key>geschiedenis</key>
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<bibentry type="message" id="22-6" language='NL'>
  <title>De NTG en het Internet</title>
  <author>
    <au index="weerdenvanj"><fn>Jules</fn><prf>van</prf><sn>Weerden</sn></au>
  </author>
  <published volume="22" year="1999" pages="7-8" size="31">
    <journal>MAPS</journal>
  </published>
  <keywords>
    <key>NTG discussionlist</key>
    <key>discussionlist</key>
    <key>TEX-NL</key>
  </keywords>
  <abstract>
  De NTG is niet alleen met webpagina's op het Internet aanwezig, maar ook middels een aantal discussieli-
  jsten. 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.
  </abstract>
</bibentry>

<bibentry type="message" id="22-7" language='EN'>
  <title>Announcing Bacho&tex;'99</title>
  <author>
    <au index="frambache"><fn>Erik</fn><sn>Frambach</sn></au>
  </author>
  <published volume="22" year="1999" pages="9-10" size="600">
    <journal>MAPS</journal>
  </published>
  <keywords>
    <key>Bacho&tex;</key>
    <key>GUST</key>
    <key>conference</key>
    <key>announcement</key>
  </keywords>
</bibentry>

<bibentry type="message" id="22-8" language='NL'>
  <title>TUG'98, Torun, Polen</title>
  <author>
    <au index="red"><fn></fn><sn>Redaktie</sn></au>
  </author>
  <published volume="22" year="1999" pages="11" size="347">
    <journal>MAPS</journal>
  </published>
</bibentry>

<bibentry type="article" id="22-9" language='NL'>
  <title>Gezeefd uit de TEX-NL discussielijst</title>
  <author>
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      <au index="goddijnf"><fn>Frans</fn><sn>Goddijn</sn></au>
    </author>
    <published volume="22" year="1999" pages="13-31" size="79">
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    </published>
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      <key>TEX-NL</key>
      <key>guru</key>
      <key>hints</key>
      <key>hack</key>
      <key>bugs</key>
    </keywords>
    <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!
    </abstract>
</bibentry>

<bibentry type="article" id="22-10" language='NL'>
    <title>PostScript Fonts op computers?</title>
    <author>
      <au index="hoekwatert"><fn>Taco</fn><sn>Hoekwater</sn></au>
    </author>
    <published volume="22" year="1999" pages="32-36" size="85">
      <journal>MAPS</journal>
    </published>
    <keywords>
      <key>fonts</key>
      <key>PostScript fonts</key>
    </keywords>
    <abstract>
    Dit artikel geeft een korte inleiding in de interne werking van PostScript computer-fonts en hun coderin-
    gen. Dit artikel is een aanpassing van een serie slides die gepresenteerd werden op de NTG bijeenkomst van
    22 oktober 1998 in Leuven.
    </abstract>
</bibentry>

<bibentry type="article" id="22-11" language='EN'>
    <title>How to install a Type1 font using fontinst</title>
    <author>
      <au index="geldermanm"><fn>Maarten</fn><sn>Gelderman</sn></au>
    </author>
    <published volume="22" year="1999" pages="37-42" size="53">
      <journal>MAPS</journal>
    </published>
    <keywords>
      <key>fontinst</key>
      <key>Type 1 fonts</key>
      <key>installation</key>
    </keywords>
    <abstract>
    In this brief tutorial I will describe how a PostScript Type 1 font can be made available to &tex; us-
    ing 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.
    </abstract>
</bibentry>

<bibentry type="article" id="22-12" language='EN'>
    <title>Installing PostScript Fonts Under Unix/Linux</title>
    <author>
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```
      <au index="kweer"><fn>Roland</fn><sn>Kwee</sn></au>
    </author>
    <published volume="22" year="1999" pages="43-51" size="80">
      <journal>MAPS</journal>
    </published>
    <keywords>
      <key>fonts</key>
      <key>PostScript</key>
      <key>Linux</key>
      <key>Adobe</key>
      <key>dvips</key>
      <key>GhostScript</key>
    </keywords>
    <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.
    </abstract>
</bibentry>

<bibentry type="article" id="22-13" language='EN'>
    <title>NFSS: using font families in &latex;2e</title>
    <author>
      <au index="kroonenbergs"><fn>Siep</fn><sn>Kroonenberg</sn></au>
    </author>
    <published volume="22" year="1999" pages="52-54" size="42">
      <journal>MAPS</journal>
    </published>
    <keywords>
      <key>NFSS</key>
      <key>font families</key>
      <key>font attributes</key>
    </keywords>
    <abstract>
    This paper gives a brief overview of the &latex;2e NFSS font machinery and font definition files. It also
    gives examples of ad-hoc font changes with low-level NFSS commands.
    </abstract>
</bibentry>

<bibentry type="article" id="22-14" language='NL'>
    <title>Fonts in &context;</title>
    <author>
      <au index="hagenh"><fn>Hans</fn><sn>Hagen</sn></au>
    </author>
    <published volume="22" year="1999" pages="55-76" size="237">
      <journal>MAPS</journal>
    </published>
    <keywords>
      <key>&context;</key>
      <key>fonts</key>
      <key>encodings</key>
      <key>typography</key>
    </keywords>
    <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 informa-
    tion. Special attention is paid to the mapping of font names to files and some words are spent on encod-
    ings. This text is typeset in Lucida Bright but within the layout specification of the MAPS.
    </abstract>
</bibentry>

<bibentry type="article" id="22-15" language='NL'>
    <title>De Euro in &tex;</title>
    <author>
      <au index="laanh"><fn>Hein</fn><sn>Laan</sn></au>
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    </author>
    <published volume="22" year="1999" pages="77-80" size="108">
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      <key>euro fonts</key>
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<bibentry type="article" id="22-16" language='EN'>
    <title>A short introduction to font characteristics</title>
    <author>
      <au index="geldermanm"><fn>Maarten</fn><sn>Gelderman</sn></au>
    </author>
    <published volume="22" year="1999" pages="81-88" size="164">
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    </published>
    <keywords>
      <key>typefaces</key>
      <key>design</key>
      <key>font classification</key>
    </keywords>
    <abstract>
    Almost anyone who develops an interest in fonts is bound to be overwelmed 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 differ-
    ent 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 elucided by a text set from Adobe
    Garamond is noticably 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 deci-
    sions just do not work. The main aim of this paper is to provide such background by describing the main as-
    pects that might be used to describe a font.
    </abstract>
</bibentry>

<bibentry type="article" id="22-17" language='EN'>
    <title>Introducing Eetex</title>
    <author>
      <au index="hoekwatert"><fn>Taco</fn><sn>Hoekwater</sn></au>
      <au index="hagenh"><fn>Hans</fn><sn>Hagen</sn></au>
    </author>
    <published volume="22" year="1999" pages="89-93" size="50">
      <journal>MAPS</journal>
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      <key>e-&tex;</key>
      <key>ee&tex;</key>
      <key>extensions</key>
      <key>SGML</key>
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    <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.
    </abstract>
</bibentry>

<bibentry type="article" id="22-18" language='EN'>
    <title>The pdf&tex; users manual</title>
    <author>
      <au index="thanhtheh"><fn>H&agrave;n</fn><prf>Th&ecirc;</prf><sn>Th&agrave;nh</sn></au>
      <au index="rahtzs"><fn>Sebastian</fn><sn>Rahtz</sn></au>
      <au index="hagenh"><fn>Hans</fn><sn>Hagen</sn></au>
    </author>
    <published volume="22" year="1999" pages="94-114" size="145">
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<bibentry type="article" id="22-19" language='EN'>
    <title>Introducing V&tex;/Linux</title>
    <author>
      <au index="hoekwatert"><fn>Taco</fn><sn>Hoekwater</sn></au>
      <au index="vulism"><fn>Michael</fn><sn>Vulis</sn></au>
    </author>
    <published volume="22" year="1999" pages="115-116" size="30">
      <journal>MAPS</journal>
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    <keywords>
      <key>VTeX</key>
      <key>Linux</key>
      <key>port</key>
      <key>MicroPress</key>
    </keywords>
    <abstract>
    This document is a short introduction to V&tex; for Linux, a partial port of V&tex; 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.
    </abstract>
</bibentry>

<bibentry type="article" id="22-20" language='EN'>
    <title>Introducing GeX</title>
    <author>
      <au index="hoekwatert"><fn>Taco</fn><sn>Hoekwater</sn></au>
      <au index="vulism"><fn>Michael</fn><sn>Vulis</sn></au>
    </author>
    <published volume="22" year="1999" pages="117-122" size="75">
      <journal>MAPS</journal>
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      <key>PDF</key>
      <key>inline graphics</key>
      <key>EPS inclusion</key>
      <key>GeX</key>
      <key>VTeX</key>
    </keywords>
    <abstract>
    This is a short introduction to the pilot release of GeX. GeX is the most rapidly evolving part of V&tex;;
    more detailed documentation is available in the distribution of V&tex;. This article specifically de-
    scribes GeX as implemented in the public domain version of V&tex;/Linux. While the same or additional
    features may be available in the commercial Windows version, we describe what exists in the freely down-
    loadable version. For information on downloading V&tex;/Linux see the NTG web site or the article in this
    MAPS issue.
    </abstract>
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<bibentry type="article" id="22-21" language='EN'>
    <title>4Spell, a spell-checker for Windows 95/98/NT</title>
    <author>
      <au index="dolw"><fn>Wietse</fn><sn>Dol</sn></au>
      <au index="frambache"><fn>Erik</fn><sn>Frambach</sn></au>
    </author>
    <published volume="22" year="1999" pages="123-126" size="82">
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      <key index="fourspell">4spell</key>
      <key index="fourtex">4&tex;</key>
      <key>spell checker</key>
    </keywords>
    <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 4&tex;
    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 4&tex; and hence we made it a stand-alone freeware program.
    </abstract>
</bibentry>

<bibentry type="article" id="22-22" language='EN'>
    <title>4Project: a project manager for &tex;</title>
    <author>
      <au index="frambache"><fn>Erik</fn><sn>Frambach</sn></au>
    </author>
    <published volume="22" year="1999" pages="127-129" size="76">
      <journal>MAPS</journal>
    </published>
    <keywords>
      <key>project management</key>
    </keywords>
    <abstract>
    A new project manager, 4Project, analyses your &tex; document and gives you easy access to any item in it.
    </abstract>
</bibentry>

<bibentry type="article" id="22-23" language='EN'>
    <title>How Perl can help &tex;</title>
    <author>
      <au index="dekkerw"><fn>Wybo</fn><sn>Dekker</sn></au>
    </author>
    <published volume="22" year="1999" pages="130-135" size="85">
      <journal>MAPS</journal>
    </published>
    <keywords>
      <key>Perl</key>
      <key>mfpic</key>
      <key>mkpic</key>
    </keywords>
    <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<tt>mfpic</tt> style
    </abstract>
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<bibentry type="article" id="22-24" language='EN'>
    <title>Is &tex; Y2K-compliant?</title>
    <author>
      <au index="frambache"><fn>Erik</fn><sn>Frambach</sn></au>
    </author>
    <published volume="22" year="1999" pages="136-141" size="72">
      <journal>MAPS</journal>
    </published>
    <keywords>
      <key>millennium</key>
      <key>Y2K</key>
    </keywords>
    <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.
    </abstract>
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  <bibentry type="article" id="22-25" language='EN'>
    <title>A Database for PPCHTeX</title>
    <author>
      <au index="mullerr"><fn>Richard</fn><sn>M&uuml;ller</sn></au>
    </author>
    <published volume="22" year="1999" pages="142-143" size="23">
      <journal>MAPS</journal>
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      <key>structure formulas</key>
      <key>databases</key>
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    <abstract>
    A database with PPCHTeX code would ease the work for those who have to draw chemical formulas only occa-
    sionally and have no time to become acquainted with it. But experts could also make use of it. The estab-
    lishing of such a database is discussed and proposed.
    </abstract>
  </bibentry>

  <bibentry type="article" id="22-26" language='NL'>
    <title>Beginnen met &context;</title>
    <author>
      <au index="boerdeb"><fn>Berend</fn><prf>de</prf><sn>Boer</sn></au>
    </author>
    <published volume="22" year="1999" pages="144-147" size="38">
      <journal>MAPS</journal>
    </published>
    <keywords>
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      <key>tutorial</key>
    </keywords>
  </bibentry>

  <bibentry type="article" id="22-27" language='EN'>
    <title>Optimizing &tex; code</title>
    <author>
      <au index="hagenh"><fn>Hans</fn><sn>Hagen</sn></au>
    </author>
    <published volume="22" year="1999" pages="148-152" size="57">
      <journal>MAPS</journal>
    </published>
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      <key>format</key>
      <key>optimizing code</key>
      <key index="e-tex">e-&tex;</key>
      <key>&context;</key>
    </keywords>
    <abstract>
    Macros can be collected in macro packages. These packages can be stored in a form that permits fast load-
    ing. 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 optimiz-
    ing the macro code by means of a dedicated program. Currently the combination of both can speed up &tex;
    runs by at least 10%.
    </abstract>
  </bibentry>

  <bibentry type="article" id="22-28" language='EN'>
    <title>Tabulating in &context;</title>
    <author>
      <au index="hagenh"><fn>Hans</fn><sn>Hagen</sn></au>
    </author>
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    <key>tables</key>
    <key>alignment</key>
    <key>&context;</key>
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  <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 TaBlE 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.
  </abstract>
</bibentry>

<bibentry type="article" id="22-29" language='EN'>
  <title>Bug or Feature? -- misleading font messages</title>
  <author>
    <au index="hagenh"><fn>Hans</fn><sn>Hagen</sn></au>
    <au index="hoekwatert"><fn>Taco</fn><sn>Hoekwater</sn></au>
  </author>
  <published volume="22" year="1999" pages="161" size="17">
    <journal>MAPS</journal>
  </published>
  <keywords>
    <key>fonts</key>
    <key>error messages</key>
  </keywords>
  <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<tt>\the\font</tt>.
  </abstract>
</bibentry>

<bibentry type="article" id="22-30" language='EN'>
  <title>Don't give authors the class files!</title>
  <author>
    <au index="bazargank"><fn>Kaveh</fn><sn>Bazargan</sn></au>
  </author>
  <published volume="22" year="1999" pages="162-163" size="21">
    <journal>MAPS</journal>
  </published>
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<bibentry type="article" id="22-31" language='NL'>
  <title>Robin Williams over typografie -- een dame geeft raad</title>
  <author>
    <au index="goddijnf"><fn>Frans</fn><sn>Goddijn</sn></au>
  </author>
  <published volume="22" year="1999" pages="164-167" size="116">
    <journal>MAPS</journal>
  </published>
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    <key>fonts</key>
    <key>design</key>
    <key>expert</key>
    <key>book review</key>
  </keywords>
  <abstract>
  Tijdens de heuglijke NTG-dag in het vorstelijke Leuven vond ik op de boekentafel van Addison-Wesley twee
  leuk uitziende boeken over typografie en ontwerp. Mooie, knalgele boekjes die even onderhoudend als
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```
    leerzaam bleken, geschreven door Robin Williams:<em>The Non-designers's Type Book</em> en<em>The Non-
    designers's Design Book</em>. Ik sla er &eacute;&eacute;n voor u open.
  </abstract>
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<bibentry type="article" id="22-32" language='EN'>
  <title>Typography to a purpose</title>
  <author>
    <au index="kroonenbergs"><fn>Siep</fn><sn>Kroonenberg</sn></au>
  </author>
  <published volume="22" year="1999" pages="168-173" size="941">
    <journal>MAPS</journal>
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  <keywords>
    <key>graphic design</key>
    <key>typography</key>
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  <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.
  </abstract>
</bibentry>

<bibentry type="article" id="22-33" language='EN'>
  <title>Report on &tex;-Tagung Dante'99 in Dortmund</title>
  <author>
    <au index="frambache"><fn>Erik</fn><sn>Frambach</sn></au>
    <au index="hoekwatert"><fn>Taco</fn><sn>Hoekwater</sn></au>
    <au index="kroonenbergs"><fn>Siep</fn><sn>Kroonenberg</sn></au>
  </author>
  <published volume="22" year="1999" pages="174-175" size="30">
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    <key>Dante</key>
    <key>NTS</key>
    <key index="e-tex">e-&tex;</key>
  </keywords>
  <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.
  </abstract>
</bibentry>

<bibentry type="book" id="maps23" language="EN/NL">
  <title>MAPS 99.2</title>
  <editor index="hoekwatert"><fn>Taco</fn><sn>Hoekwater</sn></editor>
  <published volume="1999" year="1999" pages="1-116">
    <series>MAPS</series>
    <publisher>NTG</publisher>
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  NTG's magazine
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<bibentry type="message" id="23-1" language='NL'>
  <title>Redactioneel</title>
  <author>
    <au index="hoekwatert"><fn>Taco</fn><sn>Hoekwater</sn></au>
    <au index="kroonenbergs"><fn>Siep</fn><sn>Kroonenberg</sn></au>
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    <title>NTG and &tex; info</title>
    <author>
      <au index="ntg"><fn></fn><sn>NTG</sn></au>
    </author>
    <published size="48" pages="2" year="1999" volume="23">
        <journal>MAPS</journal>
    </published>
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  <bibentry type='message' id='23-3' language='NL'>
    <title>De NTG en het Internet (1999/2)</title>
    <author>
      <au index='weerdenvanj'><fn>Jules</fn><prf>van</prf><sn>Weerden</sn></au>
      <au index="geldermanm"><fn>Maarten</fn><sn>Gelderman</sn></au>
    </author>
    <published size="72" pages="3-4" year="1999" volume="23">
        <journal>MAPS</journal>
    </published>
    <keywords>
      <key>discussionlist</key>
      <key>TEX-NL</key>
    </keywords>
  </bibentry>

  <bibentry type="message" id="23-4" language='EN'>
    <title>&tex; User Groups around the world</title>
    <author>
      <au index="frambache"><fn>Erik</fn><sn>Frambach</sn></au>
    </author>
    <published size="92" pages="5-7" year="1999" volume="23">
        <journal>MAPS</journal>
    </published>
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      <key>&tex; user groups</key>
      <key>addresses</key>
    </keywords>
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  <bibentry language='EN' id="23-5" type="article">
    <title>TUG'99, Vancouver</title>
    <author>
      <au index="kroonenbergs"><fn>Siep</fn><sn>Kroonenberg</sn></au>
    </author>
    <published size="178" pages="8-12" year="1999" volume="23">
        <journal>MAPS</journal>
    </published>
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      <key>Vancouver</key>
      <key>TUG conference</key>
    </keywords>
  </bibentry>

  <bibentry type="article" id="23-6" language='NL'>
    <title>Gezeefd uit de TEX-NL discussielijst</title>
    <author>
      <au index="goddijnf"><fn>Frans</fn><sn>Goddijn</sn></au>
    </author>
    <published size="191" pages="13-31" year="1999" volume="23">
        <journal>MAPS</journal>
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    </published>
    <keywords>
      <key>TEX-NL</key>
      <key>guru</key>
      <key>hints</key>
      <key>hack</key>
      <key>bugs</key>
    </keywords>
    <abstract>
    Dit is het zesde 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 najaar 1998 stond deel 5.
    Voor deze aflevering is een aantal berichten gezeefd uit TEX-NL van maart 1999 tot juli 1999.
    </abstract>
</bibentry>

<bibentry language='EN' id="23-7" type="article">
    <title>The NTG MAPS bibliography -- from SGML to &tex; to PDF</title>
    <author>
      <au index="hagenj"><fn>Hans</fn><sn>Hagen</sn></au>
    </author>
    <published size="125" pages="32-47" year="1999" volume="23">
      <journal>MAPS</journal>
    </published>
    <keywords>
      <key>CDROM</key>
      <key>&context;</key>
      <key>NTG</key>
      <key>MAPS</key>
      <key>PDF</key>
      <key>SGML</key>
      <key>XML</key>
    </keywords>
    <abstract>
    A few years ago, the NTG decided to put their MAPS volumes on the internet in the PDF file format. At about
    the same time, it was decided to build the associated bibliography in such a way that it could be used to
    produce both a HTML and PDF document.<br/> Recently, the MAPS bibliography has been converted to a proper
    XML document source. In the process, the descriptions were made as consistent as possible. The XML source
    was used as input for a PDF document, that provides extensive browse and search options. This PDF file,
    along with the MAPS articles, is provided to NTG members as an additional service.<br/> In this article
    the electronic NTG MAPS will be presented and the specific characteristics of the production process will
    be explained. Also, some of the complicating aspects will be discussed. I assume that the reader is fa-
    miliar with SGML and &tex;. The focus will be on the interface between SGML, &tex; and PDF.
    </abstract>
</bibentry>

<bibentry language='EN' id="23-8" type="article">
    <title>4&tex; 5.0 for Windows and the 4all&tex; CDroms</title>
    <author>
      <au index="dolw"><fn>Wietse</fn><sn>Dol</sn></au>
      <au index="frambache"><fn>Erik</fn><sn>Frambach</sn></au>
    </author>
    <published size="190" pages="48-52" year="1999" volume="23">
      <journal>MAPS</journal>
    </published>
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      <key index="fourtex">4&tex;</key>
      <key index='fouralltex'>4all&tex;</key>
      <key>Windows</key>
      <key>software</key>
    </keywords>
    <abstract>
    Every year many software distributors launch a new version of their software products. They all tell you
    that there are fundamental improvements and bug fixes and that you have to upgrade immediately. With the
    release of edition 5 of 4all&tex; you could ask yourself what this new edition offers as compared to e.g.
```

```
      In dit artikel is beschreven hoe een &latex; probleem werd opgelost door het aan de &tex; kopstukken voor
      te leggen via de NTG mailing list. Het concrete &latex; probleem was het plaatsen van tekst op een vaste
      plaats op een bladzijde.
    </abstract>
</bibentry>

<bibentry language='EN' id="23-12" type="article">
    <title>DTP with &tex;</title>
    <author>
      <au index="kweer"><fn>Roland</fn><sn>Kwee</sn></au>
    </author>
    <published size="68" pages="72-74" year="1999" volume="23">
      <journal>MAPS</journal>
    </published>
    <keywords>
      <key>programming</key>
      <key>DTP</key>
      <key>vertical mode</key>
    </keywords>
    <abstract>
    A set of simple macros is presented, in the style of modular programming, to make it easy to put texts at
    arbitrary positions on the page, without being restricted by formatting rules. This is not only useful
    for single-page documents like announcements and business cards, but also for designing stationery with
    letterheads or printing labels. The method is based on putting kerned texts in boxes with zero horizon-
    tal and vertical size and staying in vertical mode. This works with plain, and any other, &tex; and can be
    combined with any other document formatting.
    </abstract>
</bibentry>

<bibentry language='NL' id="23-13" type="article">
    <title>Het gebruik van KIX (tm) in &tex;</title>
    <author>
      <au index="geldermanm"><fn>Maarten</fn><sn>Gelderman</sn></au>
    </author>
    <published size="30" pages="75-76" year="1999" volume="23">
      <journal>MAPS</journal>
    </published>
    <keywords>
      <key>KIX</key>
      <key>font</key>
      <key>barcode</key>
      <key>PTT</key>
    </keywords>
    <abstract>
    Recentelijk introduceerde de Nederlandse PTT de zogenaamde KIX (tm)-code. Deze KlantIndex is een streep-
    jescode die gebruikte wordt ten behoeve van de automatische verwerking van poststukken. In dit artikel
    laat ik zien hoe KIX met relatief weinig moeite gebruikt kan worden binnen &tex; en &latex;.
    </abstract>
</bibentry>

<bibentry language='EN' id="23-14" type="article">
    <title>An Extended Maths Font Set for Processing MathML</title>
    <author>
      <au index="hoekwatert"><fn>Taco</fn><sn>Hoekwater</sn></au>
    </author>
    <published size="139" pages="77-83" year="1999" volume="23">
      <journal>MAPS</journal>
    </published>
    <keywords>
      <key>math</key>
      <key>fonts</key>
      <key>PostScript</key>
      <key>METAFONT</key>
    </keywords>
    <abstract>
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```xml
      Last years autumn, work started on a new set of mathematical fonts that are intended to cover the full
      range of characters included in MathML as well as those included in the proposals for mathematical exten-
      sions in the next version of Unicode.<br/> This paper presents the first result of that work: A new Times-
      compatible maths font set consisting of about 1500 symbols and a few alphabets; along with a collection of
      &tex; macros to use them.<br/> These fonts are donated to the public domain by Kluwer Academic Publishers
      and are available in both METAFONT source and Adobe Type 1 formats.
    </abstract>
</bibentry>

<bibentry language='EN' id="23-15" type="article">
    <title>&tex; as presentation tool -- an introduction to the &context; presentation environments</title>
    <author>
      <au index="hagenh"><fn>Hans</fn><sn>Hagen</sn></au>
    </author>
    <published size="97" pages="84-89" year="1999" volume="23">
      <journal>MAPS</journal>
    </published>
    <keywords>
      <key>&context;</key>
      <key>presentation</key>
      <key>slides</key>
      <key>transparencies</key>
      <key>PDF</key>
    </keywords>
    <abstract>
    In this article I will introduce a few styles I wrote on behalf of presentations. These styles are part
    of the &context; distribution and can serve as an example of defining layouts in this macro package. More
    details can be found in the documented styles.
    </abstract>
</bibentry>

<bibentry language='EN' id="23-16" type="article">
    <title>Typesetting flow charts -- let &tex; and METAPOST do the job</title>
    <author>
      <au index="hagenh"><fn>Hans</fn><sn>Hagen</sn></au>
    </author>
    <published size="178" pages="90-102" year="1999" volume="23">
      <journal>MAPS</journal>
    </published>
    <keywords>
      <key>flowcharts</key>
      <key>graphics</key>
      <key>charts</key>
      <key>METAPOST</key>
      <key>&tex;</key>
    </keywords>
    <abstract>
    This article presents the &context; module that deals with flowcharts and related types of charts. The
    charts are drawn at run--time by METAPOST in close cooperation with &tex;. This not only gives us rather
    good graphics, but also provides a seamless integration of flow charts in documents, including hyperlink
    support and other fancy features.
    </abstract>
</bibentry>

<bibentry language='EN' id="23-17" type="article">
    <title>ASCII editors for &tex; on MS-Windows</title>
    <author>
      <au index="frambache"><fn>Erik</fn><sn>Frambach</sn></au>
    </author>
    <published size="345" pages="103-107" year="1999" volume="23">
      <journal>MAPS</journal>
    </published>
    <keywords>
      <key>ASCII editors</key>
      <key>Windows</key>
      <key>comparison</key>
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      </keywords>
      <abstract>
      There are many good ASCII editor programs available for &tex;-users using MS-Windows. However, they all
      have there strong points and their weaknesses. In this article I will discuss a few of them.
      </abstract>
    </bibentry>

    <bibentry language='EN' id="23-18" type="article">
      <title>Using Emacs and Auc&tex; for preparing &latex; documents</title>
      <author>
        <au index="oostrumvanp"><fn>Piet</fn><prf>van</prf><sn>Oostrum</sn></au>
      </author>
      <published size="279" pages="108-112" year="1999" volume="23">
        <journal>MAPS</journal>
      </published>
      <keywords>
        <key>emacs</key>
        <key>Auc&tex;</key>
        <key>&latex;</key>
        <key>&tex;</key>
        <key>packages</key>
        <key>editing</key>
      </keywords>
      <abstract>
      Users of &tex; and &latex; can be helped very much by an editor that knows about the specifics of these
      packages. For instance it can do syntax coloring so that the user sees immediately the difference between
      normal text and &tex; commands; it can insert skeletons for often used commands and environments in order
      to prevent missing elements (e.g. missing \end parts), etc.<br/> This article describes the use of the
      Emacs editing environment with the Auc&tex; package for the preparation of &latex; documents. The main
      characteristics of Emacs are discussed, followed by a more detailed description of the facilities that
      Auc&tex; offers to assist the author of &latex; documents. Finally we describe how Auc&tex; can be cus-
      tomized to support your own or external commands and &latex; packages.
      </abstract>
    </bibentry>

    <bibentry language='EN' id="23-19" type="article">
      <title>Tools for PostScript and PDF</title>
      <author>
        <au index="kroonenbergs"><fn>Siep</fn><sn>Kroonenberg</sn></au>
      </author>
      <published size="135" pages="112-116" year="1999" volume="23">
        <journal>MAPS</journal>
      </published>
      <keywords>
        <key>PostScript</key>
        <key>DSC comments</key>
        <key>PDF</key>
        <key>GhostScript</key>
        <key>graphics</key>
        <key>conversion</key>
        <key>EPS inclusion</key>
        <key>bounding box</key>
      </keywords>
      <abstract>
      This paper explains why PostScript is interesting for &tex; users, and describes various tools for work-
      ing with PostScript, with special attention to GhostScript. The paper concludes with a section on PDF,
      the derivative of PostScript which is destined to take over much of the role of PostScript in the prepress
      workflow.
      </abstract>
    </bibentry>

    <bibentry type="book" id="maps24" language="EN/NL">
      <title>MAPS 00.1</title>
      <editor index="hoekwatert"><fn>Taco</fn><sn>Hoekwater</sn></editor>
      <published volume="2000" year="2000" pages="1-92">
        <series>MAPS</series>
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      <publisher>NTG</publisher>
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    NTG's magazine
    </abstract>
</bibentry>

<bibentry type="message" id="24-1" language='NL'>
    <title>Redactioneel</title>
    <author>
      <au index="hoekwatert"><fn>Taco</fn><sn>Hoekwater</sn></au>
      <au index="kroonenbergs"><fn>Siep</fn><sn>Kroonenberg</sn></au>
    </author>
    <published size="29" pages="1" year="2000" volume="24">
      <journal>MAPS</journal>
    </published>
</bibentry>

<bibentry type="message" id="24-2" language='NL'>
    <title>NTG- en &tex; Info</title>
    <author>
      <au index="ntg"><fn></fn><sn>NTG</sn></au>
    </author>
    <published size="18" pages="2" year="2000" volume="24">
      <journal>MAPS</journal>
    </published>
</bibentry>

<bibentry type="article" id="24-3" language='NL'>
    <title>Praten met drukkers -- Een coproduktie van de MAPS-redaktie en het NTG-bestuur</title>
    <author>
      <au index="geldermanm"><fn>Maarten</fn><sn>Gelderman</sn></au>
    </author>
    <published size="49" pages="3-6" year="2000" volume="24">
      <journal>MAPS</journal>
    </published>
    <keywords>
      <key>drukkers</key>
      <key>PostScript</key>
      <key>DocuTech</key>
    </keywords>
    <abstract>
    Een beschrijving van de perikelen rondom het aanleveren van PostScript output aan een drukker.
    </abstract>
</bibentry>

<bibentry type="article" id="24-4" language='NL'>
    <title>&latex; met &eacute;&eacute;n toets vanuit vi</title>
    <author>
      <au index="bovins"><fn>Sven A.</fn><sn>Bovin</sn></au>
    </author>
    <published size="37" pages="7-8" year="2000" volume="24">
      <journal>MAPS</journal>
    </published>
    <keywords>
      <key>shell script</key>
      <key>vi</key>
      <key>&latex;</key>
      <key>Unix</key>
    </keywords>
    <abstract>
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```xml
      De onstaansgeschiedenis van een shell script om vanuit vi met &eacute;&eacute;n toets &latex; op te
      roepen en, indien nodig, xdvi te starten voor het previewen.
    </abstract>
</bibentry>

<bibentry type="article" id="24-5" language='EN'>
  <title>Building a &tex; installation for distribution</title>
  <author>
    <au index="kroonenbergs"><fn>Siep</fn><sn>Kroonenberg</sn></au>
  </author>
  <published size="72" pages="9-11" year="2000" volume="24">
    <journal>MAPS</journal>
  </published>
  <keywords>
    <key>texmf tree</key>
    <key>Windows</key>
    <key>Linux</key>
    <key>Perl</key>
    <key>Configuration</key>
  </keywords>
  <abstract>
  At Kluwer Academic Publishers we use &tex; for typesetting journals. Since there are obvious advantages
  to using a standardized distribution, we provide our typesetters with one on CD. This article describes
  the principles of this setup.
  </abstract>
</bibentry>

<bibentry type="article" id="24-6" language='EN'>
  <title>Typesetting modern &amp; contemporary poetry with &latex;</title>
  <author>
    <au index="bouchet"><fn>Thierry</fn><sn>Bouche</sn></au>
  </author>
  <published size="464" pages="12-26" year="2000" volume="24">
    <journal>MAPS</journal>
  </published>
  <keywords>
    <key>poetry</key>
  </keywords>
  <abstract>
  &tex;: a typesetting engine limited to scientific publishing? Where would be the fun?
  </abstract>
</bibentry>

<bibentry type="article" id="24-7" language='EN'>
  <title>The Design and Use of a Multiple-Alphabet Font with &Omega;</title>
  <author>
    <au index="haralambousy"><fn>Yannis</fn><sn>Haralambous</sn></au>
    <au index="plaicej"><fn>John</fn><sn>Plaice</sn></au>
  </author>
  <published size="168" pages="27-37" year="2000" volume="24">
    <journal>MAPS</journal>
  </published>
  <keywords>
    <key>&Omega;</key>
    <key>Multiple-Alphabet Font</key>
    <key>omlgc</key>
  </keywords>
  <abstract>
  The &Omega; project aims to offer open and flexible means for typesetting different scripts. By work-
  ing at several different levels, it is possible to offer natural support for different languages and
  scripts, and strictly respect typographical traditions for each of them. This is illustrated with a large
  PostScript Type 1 font for the commonly used left-to-right non-cursive alphabets, called<tt>omlgc</tt>
  (&Omega; Latin-Greek-Cyrillic). This font, which more than covers the Unicode sections pertaining to
```

```xml
    those alphabets, as well as those of IPA, Armenian, Georgian and Tifinagh (Berber), is built--virtually--
    out of smaller glyph banks. The &Omega; typesetting engine, based on that of &tex;, is used to print doc-
    uments using this font. The characters can be accessed either directly, or through the use of filters,
    called &Omega; Typesetting Processes (OTPs), which are applied to the input stream.
    </abstract>
</bibentry>

<bibentry type="article" id="24-8" language='EN'>
  <title>&tex; in Polish</title>
  <author>
    <au index="frambache"><fn>Erik</fn><sn>Frambach</sn></au>
  </author>
  <published size="60" pages="38-40" year="2000" volume="24">
    <journal>MAPS</journal>
  </published>
  <keywords>
    <key>Polish</key>
    <key>ogonek</key>
    <key>input encoding</key>
  </keywords>
  <abstract>
  Writing in Polish with &tex; requires a few tricks. In Polish you need several accents that are often not
  available in 'standard' fonts. Some &tex; macros can solve this problem more or less. We will show the
  pros and cons. Another 'problem' is input encoding. One can use 8-bit input in combination with the cor-
  responding codepage definition, or a 7-bit encoding with a few extras to make typing easier. Both methods
  will be discussed. This article reflects the content of a lecture held at the NTG meeting on 11 November
  1999.
  </abstract>
</bibentry>

<bibentry type="article" id="24-9" language='EN'>
  <title>Toolbox</title>
  <author>
    <au index="geldermanm"><fn>Maarten</fn><sn>Gelderman</sn></au>
  </author>
  <published size="69" pages="41-43" year="2000" volume="24">
    <journal>MAPS</journal>
  </published>
  <keywords>
    <key>make</key>
    <key>texexec</key>
    <key>PDF</key>
    <key>EPS</key>
    <key>math fonts</key>
    <key>toolbox</key>
  </keywords>
  <abstract>
  This toolbox contains some varia. First I discuss some reactions on remarks I made in an earlier toolbox.
  Next, Hans Hagens<tt>texexec</tt> is used in the following section to create EPS and PDF files from META-
  POST source. Files created this way are often more usefull than the EPS files METAPOST itself creates.
  How to prepare a single source file for usage with both traditional &tex; and pdf&tex; is discussed next.
  I also show how easy it is to set up a font different from Computer Modern for typesetting simple mathe-
  matics, pay some attention to a failed attempt to install a TrueType font and present a small PostScript
  header file that can be used to produce watermarks.
  </abstract>
</bibentry>

<bibentry type="article" id="24-10" language='EN'>
  <title>Making stand alone METAPOST graphics</title>
  <author>
    <au index="hagenh"><fn>Hans</fn><sn>Hagen</sn></au>
  </author>
  <published size="36" pages="44-45" year="2000" volume="24">
    <journal>MAPS</journal>
  </published>
  <keywords>
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    <key>METAPOST</key>
    <key>PDF</key>
    <key>pdf&tex;</key>
  </keywords>
  <abstract>
  When a METAPOST graphic uses fonts, the PostScript file is not self contained and hardly usable outside
  &tex;. One can however use &tex; itself, or actually pdf&tex;, to create such a graphic. Although this
  method uses an &context; module, the solution provided here is independant of this macro package. The
  macros responsible for the process are collected in the file<tt>mptopdf.tex</tt>.
  </abstract>
</bibentry>

<bibentry type="article" id="24-11" language='EN'>
  <title>Typesetting CD labels</title>
  <author>
    <au index="eijkhoutv"><fn>Victor</fn><sn>Eijkhout</sn></au>
  </author>
  <published size="52" pages="46-48" year="2000" volume="24">
    <journal>MAPS</journal>
  </published>
  <keywords>
    <key>CDROM labels</key>
    <key>\parshape</key>
  </keywords>
  <abstract>
  Now that CD burners are becoming standard equipment in personal computers, there is a need for software to
  typeset CD labels. Of course, one can just squeeze a normal paragraph of text in the confines of a label,
  but it would be much more elegant to set the text to use all the available space. In this short article I
  will explain the macros that I wrote during a Christmas holiday, and that contain a few neat tricks.
  </abstract>
</bibentry>

<bibentry type="article" id="24-12" language='EN'>
  <title>The ultimate loop macro</title>
  <author>
    <au index="eijkhoutv"><fn>Victor</fn><sn>Eijkhout</sn></au>
  </author>
  <published size="38" pages="49-51" year="2000" volume="24">
    <journal>MAPS</journal>
  </published>
  <keywords>
    <key>programming</key>
    <key>loop macro</key>
  </keywords>
  <abstract>
  The plain &tex; format contains a \loop macro that has been a source of frustration and puzzlement to
  users ever since. Its syntax is somewhat strange, you have to insert an \if... condition in it but can-
  not use \else, and nested use of the macro runs into various problems. In this article I will describe my
  own improved loop macro, which I've called \repeat to prevent confusion.
  </abstract>
</bibentry>

<bibentry type="article" id="24-13" language='EN'>
  <title>Annotating presentations</title>
  <author>
    <au index="hagenh"><fn>Hans</fn><sn>Hagen</sn></au>
  </author>
  <published size="51" pages="52-53" year="2000" volume="24">
    <journal>MAPS</journal>
  </published>
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    <key>presentations</key>
  </keywords>
  <abstract>
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      Today most presentations are enlightened by text shown on transparencies or using video beamers. This
      text is often rather limited in size. In this article I present a method of annotating pages that can be
      used with the &context; presentation styles.
    </abstract>
</bibentry>

<bibentry type="article" id="24-14" language='EN'>
    <title>Postprocessing PDF files--an application of &tex;exec and pdf&tex;</title>
    <author>
      <au index="hagenh"><fn>Hans</fn><sn>Hagen</sn></au>
    </author>
    <published size="46" pages="54-57" year="2000" volume="24">
      <journal>MAPS</journal>
    </published>
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      <key>PDF</key>
      <key>postprocessing</key>
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      <key>pdf&tex;</key>
    </keywords>
    <abstract>
    This article introduces some ways to manipulate PDF files using pdf&tex;, &context;, and &tex;exec. The
    method described here can be used for arbitrary PDF input, given that it can be handled by pdf&tex;.
    </abstract>
</bibentry>

<bibentry type="article" id="24-15" language='EN'>
    <title>Literate Programming</title>
    <author>
      <au index="guravagem"><fn>Michael A.</fn><sn>Guravage</sn></au>
    </author>
    <published size="142" pages="59-64" year="2000" volume="24">
      <journal>MAPS</journal>
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    </keywords>
    <abstract>
    This article is a short introduction to the theory and practice of a programming style known as Literate
    Programming; a style that changes the focus of writing programs away from telling a computer what to do
    and toward explaining to a person what it is we are telling the computer to do. Literate Programming over-
    comes the limitations inherent in presenting traditionally structured program text. Using a balanced mix
    of informal and formal methods, literate programs are presented in a way suited for human understanding.
    Processing a literate program source results in both a nicely typeset document describing the parts of the
    program in an order that elucidates their design, and source code in an order in which it will compile.
    </abstract>
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<bibentry type="article" id="24-16" language='EN'>
    <title>&latex; in proper &context;</title>
    <author>
      <au index="boerdeb"><fn>Berend</fn><prf>de</prf><sn>Boer</sn></au>
    </author>
    <published size="80" pages="65-92" year="2000" volume="24">
      <journal>MAPS</journal>
    </published>
    <keywords>
      <key>&context;</key>
      <key>tutorial</key>
    </keywords>
    <abstract>
    If you are a &latex; user, switching to an entirely different macro-package is a very big step. Every-
    thing you put so much effort in to learn, doesn't work anymore. To help lessen the pain for users make the
    switch, this document shows short &latex; code snippets and how you do the same in &context;.
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```xml
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