MAPS 46 (2015)

MAPS is the publication of NTG, the Dutch language
TEX user group (`http://www.ntg.nl`).

MICHAEL GURAVAGE, Redactioneel [From the
editor]; pp. 1–2

ERIK FRAMBACH, Memories of Kees; pp. 3–4
[Printed in *TUGboat* 36:2.]

FRANS ABSIL, TEXShop review; pp. 5–7
[Reprinted in this issue of *TUGboat*.]

WILLI EGGER, TextMate; pp. 8–12
When editing text or code on a Mac, TextMate
is an excellent choice. It offers an abundance of fea-
tures which makes it a great editor for TEX as well
as the macro packages LATEX and ConTEXt. Editing
HTML, XML and CSS is also supported, as are many
other programming languages. Specially tagged texts
are quick and easy to write, thanks to autocomple-
tion and placing of start and end tags. Further, the
editor supports "projects" — a sidebar to the editing
window that shows files belonging to the project. An-
other useful feature is the column selection method
and the (near) end of line selection. TextMate of-
fers a clipboard history, so multiple items can be
retrieved. TextMate can be customized to a very
large extent.

SYTSE KNYPSTRA, TEXworks; pp. 13–15
[Translated by the author for this issue of *TUG-
boat*.]

SIEP KROONENBERG, TEXStudio: speciaal voor
LATEX starters [TEXStudio: Especially for LATEX
newbies]; pp. 16–22
[Revised and translated by the author for this
issue of *TUGboat*.]

KEES VAN DER LAAN, `PSlib.eps` Catalogue,
preliminary and abridged version; pp. 23–86
A selection of PostScript definitions collected in
my `PSlib.eps` library and documented as e-book cat-
alogue is presented. Now and then variant pictures
have been included from `pic.dat` which comes with
`Blue.tex`. Old Metafont code has been included
which may be useful for MetaPost programmers.
Variants of pictures enriched by post-processing in
Photoshop show other possibilities. Escher's dough-
nut is a teaser which has to be done in MetaPost.
Next to `PSlib.eps` comes the file `PDFsfromPSlib`,
which contains the pictures in `.pdf` format. The
complete `PSlib.eps`/`PDFsfromPSlib` as well as the
catalogue as e-book, will be released on occasion
of NTG's 25th anniversary which will be celebrated
in the fall of 2014, on `www.ntg.nl`. A prerelease

will be offered on the GUST file server. The (static)
library for TEX-alone pictures, `pic.dat`, packaged
with `Blue.tex`, will be redistributed as well.

KEES VAN DER LAAN, Spirals in PostScript;
pp. 87–97
Curves specified in polar coordinates can be
elegantly programmed in PostScript with the `rotate`
command which performs rotations in user space.
This has been shown for the Cardioid, the Limaçon,
the Lemniscate, the Archimedes and the Growth
spiral. The TEX Gyre logo has been analyzed and
imitated in PostScript. Printing of text along spiral-
like belts on a sphere in the projection plane has
been done, yielding poor man's typesetting text on
a sphere in projection.

HANS HAGEN, SciTE; pp. 98–100
The SciTE editor is now about 15 years old,
and still one of the nicest around. This editor is
a wrapper around the `scintilla` editor framework.
It is available for free for Windows and Linux, and
there is a relatively cheap version for Mac OS X.

HANS HAGEN, Lua in MetaPost; pp. 101–108
How to embed Lua code in MetaPost source, to
be immediately executed. For example, for generat-
ing graphics from external data.

[Received from Wybo Dekker.]

Eutypon 34–35, October 2015

Eutypon is the journal of the Greek TEX Friends
(`http://www.eutypon.gr`).

In memoriam: Hermann Zapf (1918–2015);
pp. 1–13
Texts by Donald E. Knuth, Kaveh Bazargan,
Adam Twardoch, Nadine Chahine (*in English*), and
George D. Matthiopoulos (*in Greek with English
abstract*).

In memoriam: Pierre A. MacKay (1933–2015);
pp. 15–19
Texts by Diana Gilliland Wright and Lawrence J.
Bliquez. (*In English.*)

DONALD J. MASTRONARDE, GreekKeys:
Keyboards and fonts for specialized scholarly use;
pp. 21–28
GreekKeys is a custom polytonic Greek key-
board program with accompanying fonts that has
been useful — for more than three decades now —
to scholars, teachers, and students of the ancient
and medieval Greek worlds. GreekKeys fonts and
keyboards provide easy access to many specialized

characters (e.g., for metrics, epigraphy, and papyrology) that are absent from most system fonts and that would otherwise have to be entered in roundabout or obscure ways. The latest version (GreekKeys 2015) runs both under Mac OS X and Microsoft Windows, and it includes four different Unicode-encoded OpenType fonts: New Athena Unicode, AtticaU, KadmosU, and BosporosU. (*Article in English.*)

Apostolos Syropoulos, Graphics with the TikZ/PGF package; pp. 29–43

Among all solutions for the creation of linear graphics, the author has found that the TikZ/PGF package is the best for use with Unicode-aware typesetting systems like X⇂LATEX and LuaTEX. The article describes the basic principles of use of TikZ/PGF with examples taken from graphs the author created for his own publications. (*Article in Greek with English abstract.*)

George Matthiopoulos, The Archives of Design of Greece; pp. 45–50

The Archives of Design of Greece were founded in 2012 as a non-profit corporation, with the objectives of collecting, indexing and classifying all archival material related to Visual Communication in Greece. The Archives are already open to the public through the website www.archivesofdesign.gr. The first public presentation of the Archives was done at the House of the Onassis Foundation in Athens on October 22, 2015. (*Article in Greek with English abstract.*)

Apostolos Syropoulos, TEXniques: Rotations with Rubik's cube; pp. 51–56

One note explains how to verify with LATEX if a particular command or application exists in the operating system, and then to take appropriate action with LATEX. Another note explains how to make TEX convert token sequences into something different, e.g., to convert D2 into two printed D's. (*Article in Greek.*)

Dimitrios Filippou, Book presentations; pp. 57–58

Short appraisal of two books:
(i) Dimitris Legakis, *For a Publishers' Archive of Typography, Design, Graphic Arts and Advertising*, The Archives of Design of Greece, Athens 2015 (book in Greek); and
(ii) Stefan Kottwitz, *LATEX Cookbook*, Packt Publishing, Birmingham, UK 2015. (*Article in Greek.*)

[Received from Dimitrios Filippou
and Apostolos Syropoulos.]