A Bibliography of Graphics in TeX

Nelson H. F. Beebe
University of Utah
Department of Mathematics, 110 LCB
155 S 1400 E RM 233
Salt Lake City, UT 84112-0090
USA
Tel: +1 801 581 5254
FAX: +1 801 581 4148
E-mail: beebe@math.utah.edu (Internet)
WWW URL: http://www.math.utah.edu/~beebe/

31 January 2019
Version 2.11

Abstract
This bibliography records books and articles on the use of graphics in TeX documents.

Title word cross-reference

3 [Fin03, Fin04, Gon04, Roe97].
- dimensional [Fin03, Fin04].
2-dimensional [Kri97]. 25th [SBH+04].
3DLDF [Fin03, Fin04].
7th [Zla92].
'92 [Zla92].

ABC [Tob88b]. ACM [SIG77, SIG79].
ACM/SIGGRAPH [SIG77, SIG79].
Advanced [Her81]. Adventures [KM84].
algorithm [Ple99]. animations [Roe97].
Annual [SBH+04]. ANSI [Ame85].
Applications [Cla90]. applied [BR89].
Approach [Har83, Har87, MB91].
Archeologia [Rah87a]. Asymptote
HBP04]. August [SBH+04]. auspices
[Rah87a]. AWK [Van86].

Barbara [USE97]. bars [Sch89]. Based
[Nel85, HBP04]. biomedical [BR89]. bit
[Tob85]. bitmaps [Föö91]. books [MB91].
Box [Van88]. boxed [Rec96]. bridge
[vdL89]. Brush [Hob86]. \ [VR87].

C [SGN88]. California [USE97].
Calligraphy [Her67, Tob83]. can [vdL96b].
captions [Rec96]. Cartography [Her69].
Cemetery [Rah87a]. Center [And89].
Guide [Bee80, Lam85, OQL88].

GUThenberg [Ano89].


IBM [Pic90a]. II [Pic90b]. Illustrating [GRM97]. Image [CC88, Win90]. Implementation [OB89, Ber90]. included [Moo97, Moo98]. Including [Hei90, Sch90]. inclusion [CSB89]. incorporation [Wei92]. Independent [KM84, Ker81, Wil89]. Information [Ame85, Ame88, Tu88].

integrating [Ren89]. Integration [Sow91, And89]. Interactive [Ame88, FvD82, WKC+90]. interface [Nic91, Ren87]. International [SBH+04]. Internazionale [Rah87a]. Introduction [Hob92, HGDS85, HGDS86, Jon89, Ros88]. issues [VR87]. Istituti [Rah87a]. IV [Her69].


Kernel [Ame85, HGDS83, HGDS86].


News [Ado]. nicely [BK89]. Non [Sim90]. Non-traditional [Sim90].

observations [Tob87]. Occidental [WH76]. OCLC [Tob84]. October [USE97]. output [Cla87, Fin03, Fin04]. Overview [Ros88].


Preparation [Her70, Lam85]. preparing
Window [Jon89, OQL88, SGN88]. World [Rot88].


References

Adobe:colophon


Adobe:PLR85


Adobe:PLT85


ANSI:gks


ANSI:phigs

[And89] Phil Andrews. Integration of T\TeX and graphics at the Pittsburgh Supercomputing Center. TUGboat, 10(2):177–178, July 1989. ISSN 0896-3207.

Anonymous:TB10-1-118


Appelt:TB9-3-284-287


Arbortext:1986


Publisher

ATT:UPM83-2


Beebe:plot79


Beebe:dvi-drivers


Beebe:tex-graphics


Bentley:pic


Berendt:TB11-2-190-194

[Ber90] Gerhard Berendt. On the implementation of graphics into TeX.


Bentley/Kernighan:1984


Bentley:grap


Bruggemann-Klein:1989


Beebe:plot79-biomed


Brown:UP85

REFERENCES


REFERENCES


REFERENCES


Gourlay:music-printing


Goossens:1997:LGC


Hamilton-Kelly:TB11-1-103-119


Harrington:CGP83


Harrington:CGP87


Hammerlindl:2004:ASB

[HBP04] Andy Hammerlindl, John Bowman, and Tom Prince. \textit{Asymptote: a script-based vector graphics language}. Faculty of Science, University of Alberta, Edmonton, AB, Canada, 2004. URL http://asymptote.sourceforge.net/. \textit{Asymptote} is a powerful script-based vector graphics language for technical drawing, inspired by \textsc{METRAPOST} but with an improved C++-like syntax. \textit{Asymptote} provides for figures the same high-quality level of typesetting that \LaTeX{} does for scientific text.

Heinz:1990


Hershey:calligraphy


Hershey:fortran-cartography

REFERENCES


REFERENCES


[Ker82] Brian W. Kernighan. *PIC—A language for typesetting graphics*. Soft-

[KH97] Samuel N. Kamin and David Hyatt. A special-purpose language for picture-drawing. In USENIX [USE97], pages 297–310. ISBN 1-880446-89-8. LCCN QA76.7 .C663 1997. URL http://www.usenix.org/publications/library/proceedings/dsl97/full_papers/kamin/kamin.html. This paper describes FPIC, an implementation in ML of a programmable extension to a PIC-like [Ker82] language. The authors raise interesting points about the difficulty of doing this correctly in ML, and conclude that a more powerful base language (e.g., Haskell) might be more suitable. FPIC includes support for both PostScript and \TeX{} output.


[Knu86e] Donald E. Knuth. Computer Modern Typefaces, volume E of Comput-
knuth:halftone


Ness:tv-guide


Nicole:TB12-1-70


Norris/Oakley:1990


Nye:1988:XPM


Nye:XRM88


Olejniczak-Burkert:TB10-4-627-637


Ohl:1995:DFD


Oreilly:XWS88


Pickrell:TB11-1-26-31


Pickrell:TB11-2-200-206


Plestenjak:1999:ADP

REFERENCES

973–984, September 1999. CO-
DEN SPEXBL. ISSN 0038-0644
(print), 1097-024X (electronic).
URL http://www3.interscience.
wiley.com/cgi-bin/abstract?ID=
63501203; http://www3.interscience.
wiley.com/cgi-bin/fulltext?ID=
63501203&PLACEBO=IE.pdf.

[Pod86] Sunil Podar. Enhancements to the
picture environment of \LaTeX. Technical Report 86-17, Department of

[Price:TB2-1-122]

[Pri81] Lynne A. Price. Hebrew letter (with
source). TUGboat, 2(1):122, Febru-
ary 1981. ISSN 0896-3207.

[Rah87a] Sebastian Rahtz. The Protestant
Cemetery, Rome: a study under-
taken under the auspices of the
Unione Internazionale degli Isti-
tuti di Archeologia Storia e Storia
dell’Arte in Roma. Opuscula Ro-

[Rah87b] Sebastian Rahtz. The right text-
processing tools for the job? CS-
MAN 87-4, Computer Science, Uni-

[Ram90] Michael Ramek. Chemical structure
formulae and \(x/y\) diagrams with
\TeX. In Clark [Cla90]. ISBN 0-13-
912296-6.

[Rec96] Keith Reckdahl. Using EPS graphi-
ics in \LaTeX\(X_2\) documents, Part
2: Floating figures, boxed fig-
ures, captions, and math in figures.
TUGboat, 17(3):288–310, Septem-
ber 1996. ISSN 0896-3207.

[Rec96]

[Rei88] Glenn C. Reid. PostScript Language
Program Design. Addison-Wesley,
Reading, MA, USA, 1988. ISBN 0-
201-14396-8. xii + 224 pp. LCCN
URL http://www.rightbrain.
com/rightbrain.shtml.

[Rei88]

[Ren87] John S. Renner. \TeXtyl: a line-
drawing interface for \TeX. Technical Report OSU-CISRC-4/87-TR9,
Department of Computer Science,
Ohio State University, March 1987.

[Ren87]

[Rey87] J. C. Reynolds. User’s manual
for diagram macros. Unpublished
machine-readable document., De-
cember 1987.

[Rey87]

[RH89] Tom Reid and Don Hosek. Report
from the —DVI— driver standards
committee. TUGboat, 10(2):188–
191, July 1989. ISSN 0896-3207.
REFERENCES

Roegel:1997:CAM


Rogers:TB10-1-39-44


Rogers:TB18-4-246


Rost:pex


Roth:RWP88


Roads:FCM87


Rubinstein:TB10-2-170-172

Rubinstein, Zalman. Chess printing via \textsc{Metafont} and \TeX. \textit{TUGboat}, 10(2):170–172, July 1989. ISSN 0896-3207.

Saito:TB8-2-103


Salomon:TB10-2-207-216


Syropoulos:2004:TXD

Syropoulos, Apostolos, Karl Berry, Yannis Haralambous, Baden Hughes, Steven Peter, and John Plaice, editors. \textsc{T\TeX}, \textsc{XML}, and \textsc{Digital Typography}: International Conference on \textsc{T\TeX}, \textsc{XML}, and \textsc{Digital Typography}, held jointly with the 25th Annual Meeting of the \textsc{T\TeX} Users Group, \textit{TUG} 2004, Xanthi, Greece, August 30–September 3, 2004: Proceedings, volume 3130 of Lecture Notes in Computer Science. Springer-Verlag, Berlin, Germany / Heidelberg, Germany / London, UK / etc., 2004. CODEN LNCSD9. ISBN 3-540-22801-2 (paperback). ISSN 0302-9743 (print), 1611-3349 (electronic). LCCN Z253.3 I58 2004. URL http://link.springer-ny.com/link/service/series/0558/tocs/t3130.htm;
REFERENCES


Spivak:TB10-2-164-165

[SBL89] Michael Spivak, Michael Ballantyne, and Yoke Lee. HI-\TeX

Schopf:TB10-1-105-107

[Sch89] Rainer Schöpf. Drawing histogram bars inside the \LaTeX

Schwer:TB11-2-194


Schrod:TB12-2-232-233


Scheifler:XWS88


SIGGRAPH:core77

[SGN77] ACM/SIGGRAPH. Status report of the Graphic Standards
Planning Committee of ACM/SIGGRAPH. \textit{ACM SIGGRAPH—

SIGGRAPH:core79

[SIG79] ACM/SIGGRAPH. Status report of the Graphic Standards
Planning Committee of ACM/SIGGRAPH. \textit{ACM SIGGRAPH—

Tobin:TB4-1-26


Tobin:TB5-1-36


Tobin:TB6-1-12

REFERENCES


REFERENCES

Waldschmidt:1988


Weiss:TB13-3-330


Wolcott:1976:CCT


Wichura:PM87

[M. J. Wichura. The \texttt{picTeX} manual. Number 6 in \texttt{TeX}niques: publications for the \TeX community. \TeX Users Group, Providence, RI, USA, 1987.

Wichura:TB9-2-193-197


Wilcox:TB10-2-179-187


Winckler:1990:TFI


Williams:gnuplot

[Thomas Williams, Colin Kelley, John Campbell, David Kotz, and Russell Lang. GNUPLOT—An Interactive Plotting Program, 31 August 1990. Available in several Internet archives, including the Free Software Foundation collection on prep.ai.mit.edu. GNUPLOT can produce output for many different devices, including \LaTeX picture mode, PostScript, and the X Window System. See also [Kot90].

Wood:plj


Wujastyk:TB9-3-246-251


Zlatuska:1992:EPE