## Table of Contents (ordered by difficulty)

### Introductory

276  **Tim Arnold** / TUG 2007: A few words
- informal report from TUG 2007, with photos

350  **Klaus Höppner** / Typesetting tables with \LaTeX
- introduction to making tables in \LaTeX

305  **Jonathan Kew** / Fonts for every language: SIL’s font projects and the Open Font License
- overview of SIL’s font-related initiatives

372  **Aditya Mahajan** / Con\TeXt basics for users: Table macros
- introduction to making tables in Con\TeXt

280  **Peter Wilson** / Between then and now — A meandering memoir
- review of typography and typesetting from Sumeria to the present

### Intermediate

299  **Barbara Beeton** / The STIX Project — From Unicode to fonts
- supporting mathematics in Unicode, including creating the necessary fonts

342  **Robert Burgess and Emin Günn Sirer** / Cross\TeX: A modern bibliography management tool
- a new bibliography tool written in Python, upward-compatible with Bib\TeX

314  **Hans Hagen** / Con\TeXt MkIV: Going UTF
- development of Unicode support in Lua\TeX

317  **Taco Hoekwater** / Lua\TeX
- an overview of embedding the Lua scripting language into \TeX

312  **Taco Hoekwater** and **Hans Hagen** / MPlib: MetaPost as a reusable component
- an overview of recasting MetaPost as a shared library

329  **Richard Koch** / Support for multiple \TeX distributions in i-Installer and Mac\TeX
- a simple preference pane UI to switch between extant Mac OS X \TeX distributions

335  **Barry MacKichan** / Design decisions for a structured front end to \LaTeX
- XML, XSLT, OpenType, and more as a basis for \TeX development

340  **Paul Topping** / MathType 6.0’s \TeX input for MS Word and Wikipedia
- combining point-and-click with typed \TeX input in MathType

### Intermediate Plus

363  **Eitan Gurari** / I\LaTeX conversion into normalized forms and speech
- translating I\LaTeX into speech forms such as jsMath, SSML, ACSS

306  **William Hammond** / Dual presentation with math from one source using GELLMU
- \LaTeX-like markup that can produce high-quality printed and online output

354  **Andrew Mertz** and **William Slough** / Programming with Perl\TeX
- combining \LaTeX and Perl, described in a graduated series of examples

### Advanced

319  **Nelson Beebe** / Extending \TeX and \METAFONT with floating-point arithmetic
- floating-point history, problems, and futures

### Reports and notices

274  **TUG 2007 conference information**


375  **\TeX Development Fund committee** / A roadmap for \TeX development

377  **TUGboat Editors** / Random notes

378  Institutional members

379  Calendar

380  **TUG 2008 announcement**

381  Springer: *More Math Into \LaTeX*; von Hoerner & Sulger; O’Reilly

382  MacKichan: *Scientific WorkPlace, Scientific Word*; Addison-Wesley: *The \LaTeX Graphics Companion*

383  Cheryl Ponchin Training; Carleton Production Centre; Design Science: *MathType*

384  \TeX consulting and production services