Table of Contents(ordered by difficulty)

Introductory

- 3 Barbara Beeton / Editorial comments • typography and TUGboat news
- 29 Barbara Beeton / How to create a T_EX Journal: A personal journey
 a look back at TUGboat experiences since its founding
- 3 Karl Berry / From the President
 some TUG activities and information for 2006
- 65 Jon Breitenbucher / IATEX at a liberal arts college
- experiences introducing IAT_{EX} in an undergraduate liberal arts setting 61 Elizabeth Dearborn / T_{FX} and medicine
 - \bullet experiences in self-publishing a medical transcription dictionary with $T_{\rm E}\!X$
- 126 Peter Flom / LATEX for academics and researchers who (think they) don't need it
- advocating LATEX for scientists and dispelling myths 124 Jim Hefferon / LATEX resources
 - a sampling of useful documentation, web sites, programs, and packages
- 84 Troy Henderson / A beginner's guide to MetaPost for creating high-quality graphics
 introduction to MetaPost
- 24 IATEX Project Team / IATEX news, issue 17
 latest IATEX release notes: font encodings, graphics drivers, more
- 70 Boris Veytsman / Design of presentations: Notes on principles and IATEX implementation
 writing effective presentations and implementing them in IATEX
- 49 David Walden / A lifetime as an amateur compositor
 productivity with LATEX and typesetting experiences along the way

Intermediate

- 133 Kaveh Bazargan / Removing vertical stretch mimicking traditional typesetting with TEX
 a method for typesetting on a grid, including double columns and math
- 129 Federico Garcia / Hypertext capabilities with pdfIATEX
 - introduction to the hyperref package, links, bookmarks, and more
- 15 Mark LaPlante / The treasure chest
- selected new CTAN packages in 2006
- 91 Andrew Mertz and William Slough / Graphics with PGF and TikZ
 graduated examples of graphics within IATEX using a MetaPost-like syntax
- 20 Ignacio Llopis Tortosa and María José Castro Bleda / paperT_EX: Creating newspapers using $IAT_EX 2_{\mathcal{E}}$ • automatically generating a PDF newspaper from external sources
- Boris Veytsman and Maria Shmilevich / Automatic report generation with Web, TEX and SQL
 creating high-quality project reports while minimizing overhead

Intermediate Plus

- 110 Peter Flynn / Rolling your own Document Class: Using IATEX to keep away from the Dark Side
 - Oleg Parashchenko / TEXML: Resurrecting TEX in the XML world
 - transforming XML input syntax through TEX to PDF 2 Peter Wilson / Glisterings
- 12 Peter Wilson / Glisterings • stringing along; loops
- 100 Boris Veytsman and Leila Akhmadeeva / Drawing medical pedigree trees with TEX and PSTricks • typesetting medical pedigrees graphically

Advanced

- 4 Donald Knuth / TEX's infinite glue is projective • note about negative infinite glue
- 80 Bob Neveln and Bob Alps / Writing and checking complete proofs in T_EX • verifying formal mathematical proofs with T_EX and Python

Reports and notices

- 11 Barbara Beeton and Idris Hamid / Oriental TFX: A new direction in scholarly complex-script typesetting
- 26 Practical T_EX 2006 conference information
- 137 Abstracts (Adams, Garcia, Höppner, Hummel, Moye, Peter, Wetmore)
- 138 Calendar
- 139 TUG 2007 announcement
- 140 EuroBachoTEX 2007 announcement
- 141 Steve Peter / TUG 2007 election report
- 145 David Walden / Financial statements for 2006
- 146 Institutional members
- 147 TUG membership form
- 148 T_FX consulting and production services