Lance Carnes, In this issue
Editor’s introduction to the issue.

The Editors, News from Around
Knuth’s Earthshaking Announcement; More Knuth humor; Type maps.

Cassiano S. Rosa and Og DeSouza, Sweave — Interface entre R e \LaTeX [Using R and \LaTeX]
When using R for statistical analyses, it is common to keep the data analyses, the results of experiments, and graphs in separate files. Fortunately, for R users who also use \LaTeX, there is a tool for organizing these files: Sweave! This paper presents a very short account on how Sweave integrates R and \LaTeX to keep both input and output of statistical analyses in a single style file. (In Portuguese.)

Alain Schremmer, Configurable materials for teaching mathematics
This article describes a system that uses \LaTeX to generate math texts, homework, quizzes, and exams for developmental mathematics courses.

Marius Hofert and Markus Kohm, Scientific presentations with \LaTeX
In this article, we show how scientific presentations can be created based on the KOMA-Script document class scrartcl. The main advantage of the suggested approach is that the presentation slides allow for easy copy-and-paste of content from other \LaTeX documents such as research papers or handouts. Using this approach, presentation slides are quickly generated, without the author having to learn how to use other \LaTeX presentation packages. Additionally, in contrast to the rather overused templates of the more common presentation packages, the slides can be individually created and thus tailored to the topic of the presentation.

Paulo Rogério and Rian Gabriel, Design and preparation of effective scientific posters using \LaTeX
Posters are important presentation tools in scientific conferences. \LaTeX offers several packages, e.g. a0poster and sciposter, for designing several kinds of high quality posters. However, many of the posters we are used to seeing are visually split into columns and conceptually organized in sections, with amounts of text which are likely to disrupt the viewing experience and understanding of the content. In this article we present an efficient method for preparing visual scientific posters using the PGF package and its syntax layer TikZ.

Cristina Blaga and Paul Blaga, Variation and sign tables with tableau
We describe here a package, tableau.sty, created by N. Kisselhoff, very useful especially for calculus courses. It aids in the construction of variation and sign tables for the study of functions. The package provides a new environment based on PSTricks.

Cristina Blaga and Paul Blaga, Preparing exam and homework material with probsoln
We describe here some of the possibilities provided by the package probsoln, by Nicola Talbot. The aim of the package is to help the user prepare different kinds of problem lists and tests.

Bastiaan Jacques, Square, multiline cells using tabular(x)
I describe a method for creating square cells, containing multiple lines typeset in paragraph mode using the array package. Both plain \LaTeX tabular and tabularx packages are used.

The Editors, Ask Nelly
Footnotes appear above a figure?; Changing margins and line spacing?.

The Editors, Distraction: KenKen puzzles