

A sample abstract with instructions

FR 08:00

*F. Klein** (Univ. Erlangen),

D. Hilbert and C.F. Gauss (Univ. Göttingen)

The collection of abstracts of presentations at the 2009 ÖMG+DMV congress is a huge task. In order to make it feasible we ask you to prepare your abstract in \LaTeX format (using the AMS extensions if you like), and to follow these guidelines. They basically amount to:

1. avoiding conflicts between different contributions,
2. maintaining a uniform style, and
3. ensuring no characters get lost by file format conversion.

An abstract is typically shorter than this text and should not exceed one page. Details are as follows: Please don't use any special symbols on your keyboard to produce letters like ä, ß, È, é, û, ö, etc., but employ the appropriate macros which you can see when looking at the source file `abstract.tex`. Take a look at how to type 'single' and "double" quotation marks — don't use the double quotation marks on the keyboard. Please be careful if you cut and paste text from other typesetting software, because special characters will be created where you don't suspect them (dots, dashes, quotation marks are particularly dangerous).

As to style, emphasized text looks better in *italics* than in a **bold** typeface. If you wish to include equations, then the usual commands work unchanged. For theorems and definitions, we propose to use `\proclaim`:

THEOREM 2.2B. *With the 'proclaim' command, a period plus whitespace terminates the heading of the statement, its body being terminated by a blank line. For purposes of demonstration consider the following meaningless formula*

$$\text{ctg}(1 + 2\langle v, v' \rangle) - \sum_{k \text{ even}} \lambda^{-\phi(k)} \quad \text{for } \lambda \in \mathbb{R}^+, v, v' \in \mathfrak{h}, \phi \in \mathcal{C}, \quad (1)$$

which has 3 pieces of ordinary text inside mathematical text ('ctg', 'even', 'for').

References as in 'None of [1–4] contains anything related to Equation (1) of Theorem 2.2B' must be done by hand, because the commands `\ref`, `\cite` are switched off. For web references, e.g. to the conference web site <http://www.math.tugraz.at/OeMG-DMV/>, use the `\URL` macro we provide (with a space at every possible breakpoint). Finally, we give a demo of literature references.

[1] S. LANG: *Fundamentals of Differential Geometry*. Springer 1999.

[2] J. NASH: On C^1 isometric imbeddings. *Annals of Math.* **60** (1954), 383–396.

[3] J. HOSCHEK: Dual Bézier curves and surfaces. In: *Surfaces in Computer Aided Geometric Design* (R. Barnhill, W. Boehm, eds). North Holland, 1983, pp. 147–156.

[4] D. L. DONOHO: Interpolating Wavelet Transforms. Preprint, Stanford Univ., 1992.