Control the Space After Punctuation in Expressions

Yuwsuke Kieda

2017/04/03 v1.0

1   Descriptions

We provide a mechanism to control the space after the comma in the expressions.

2   Version

1.0

3   Usage

3.1   Sample of Preamble

`\usepackage{mathpunctspace}`

3.2   Options

- unit: mu or other (default: mu)
- comma: substitute keyword "natural" or skip (default: natural)
- semicolon: substitute keyword "natural" or skip (default: natural)
- latexorg: original behavior of LaTeX

Remark: keyword "natural" mean the spacing of the in-line.

4   License

BSD 2-Clause License

5   Repository

`https://github.com/yuw/texmf-mathpunctspace`

6   Samples

`\usepackage{mathpunctspace}`

Lorem ipsum dolor sit amet (x, y), consectetuer adipiscing elit.
Lorem ipsum dolor sit amet $\{x; x \in A\}$; consectetuer adipiscing elit.

`\usepackage[comma=10mu,semicolon=20mu]{mathpunctspace}`

Lorem ipsum dolor sit amet $(x, \ y)$, consectetuer adipiscing elit.
Lorem ipsum dolor sit amet $\{x; \ \ x \in A\}$; consectetuer adipiscing elit.

`\usepackage[unit=pt,comma=5pt,semicolon=5pt]{mathpunctspace}`

Lorem ipsum dolor sit amet $(x, \ y)$, consectetuer adipiscing elit.
Lorem ipsum dolor sit amet $\{x; \ x \in A\}$; consectetuer adipiscing elit.

`\usepackage[comma=0mu,semicolon=natural]{mathpunctspace}`

Lorem ipsum dolor sit amet (x,y), consectetuer adipiscing elit.
Lorem ipsum dolor sit amet $\{x; x \in A\}$; consectetuer adipiscing elit.

7   Risks

If the option (`comma=10mu`) is given as follows, "right" output can not be obtained. See *The T_EXbook* p. 134.

`\usepackage[comma=10mu]{mathpunctspace}`

Input: `$1{,}000$`   Output: $1, \ 000$