

List of LaTeX mathematical symbols There are no approved revisions of this page, so it may not have been reviewed.

All the predefined mathematical symbols from the \LaTeX package are listed below. More symbols are available from extra packages.

Contents [hide]
1 Greek letters
2 Unary operators
3 Relation operators
4 Binary operators
5 Negated binary relations
6 Set and/or logic notation
7 Geometry
8 Delimiters
9 Arrows
10 Other symbols
11 Trigonometric functions
12 Notes
13 External links

Greek letters

Table with 4 columns: Symbol, LaTeX code, Symbol, LaTeX code. Lists Greek letters alpha through omega and their variants.

Archaic Greek letters

Table with 2 columns: Symbol, LaTeX code. Lists archaic Greek letters digamma and dligamma.

Unary operators

Table with 5 columns: Symbol, LaTeX code, Comment, Symbol, LaTeX code, Comment. Lists unary operators like plus, minus, negation, factorial, hash, and primorial.

Relation operators

Table with 6 columns: Symbol, LaTeX code, Comment, Symbol, LaTeX code, Comment. Lists relation operators like less than, greater than, subset, and various comparison symbols.

Binary operators

Table with 12 columns: Symbol, LaTeX code, Comment, Symbol, LaTeX code, Comment, Symbol, LaTeX code, Comment, Symbol, LaTeX code, Comment. Lists binary operators like plus, minus, multiplication, division, and set operations.

Negated binary relations

Table with 6 columns: Symbol, LaTeX code, Comment, Symbol, LaTeX code, Comment. Lists negated binary relations like not equal, not less than, and not greater than.

Set and/or logic notation

Table with 4 columns: Symbol, LaTeX code, Comment, Symbol, LaTeX code, Comment. Lists set and logic notation symbols like empty set, natural numbers, and logical operators.

Geometry

Table with 6 columns: Symbol, LaTeX code, Comment, Symbol, LaTeX code, Comment. Lists geometry symbols like segment, ray, angle, square, and congruence.

Delimiters

Table with 10 columns: Symbol, LaTeX code, Comment, Symbol, LaTeX code, Comment, Symbol, LaTeX code, Comment, Symbol, LaTeX code, Comment. Lists various delimiters like vertical bars, brackets, and braces.

Arrows

Table with 12 columns: Symbol, LaTeX code, Comment, Symbol, LaTeX code, Comment, Symbol, LaTeX code, Comment, Symbol, LaTeX code, Comment. Lists various arrow symbols like right arrow, left arrow, and Knuth's up-arrow.

Other symbols

Table with 10 columns: Symbol, LaTeX code, Comment, Symbol, LaTeX code, Comment, Symbol, LaTeX code, Comment, Symbol, LaTeX code, Comment. Lists other symbols like partial derivative, imaginary part, and infinity.

Hebrew letters

Table with 3 columns: Symbol, LaTeX code, Comment. Lists Hebrew letters aleph, beth, and gimel.

Trigonometric functions

Table with 8 columns: Symbol, LaTeX code, Symbol, LaTeX code, Symbol, LaTeX code, Symbol, LaTeX code, Symbol, LaTeX code. Lists trigonometric functions like sine, cosine, tangent, and their inverses.

The abbreviations arcsinh, arccosh, etc., are commonly used for inverse hyperbolic trigonometric functions (area hyperbolic functions), even though they are misnomers, since the prefix arc is the abbreviation for arcus, while the prefix ar stands for area.

Table with 8 columns: Symbol, LaTeX code, Symbol, LaTeX code, Symbol, LaTeX code, Symbol, LaTeX code, Symbol, LaTeX code. Lists hyperbolic functions like arcsinh, arccosh, arctanh, and their inverses.

Sections remaining to be done: Table 3 onwards from symbols.pdf

Notes

- 1. ↑ To do.

External links

- Scott Pakin, The Comprehensive LaTeX Symbol List, 2017. (Lists thousands of symbols and the corresponding LaTeX commands that produce them.)
- Comprehensive LaTeX Symbol List
- http://ctan.org/mauth/cal-latex-symbols/info/symbols/comprehensive/SYMLIST

Categories: LaTeX | Mathematical symbols

