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List of Greek letters and math symbols

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Greek letters

αA	\alpha A	νN	\nu N
βB	\beta B	$\xi\Xi$	\xi\Xi
$\gamma\Gamma$	\gamma \Gamma	oO	o 0
$\delta\Delta$	\delta \Delta	$\pi\Pi$	\pi \Pi
$\epsilon \varepsilon E$	\epsilon \varepsilon E	$\rho \varrho P$	\rho\varrho P
ζZ	\zeta Z	$\sigma\Sigma$	\sigma \Sigma
ηH	\eta H	τT	\tau T
$\theta \vartheta \Theta$	\theta \vartheta \Theta	$v\Upsilon$	\upsilon \Upsilon
ιI	\iota I	$\phi \varphi \Phi$	\phi \varphi \Phi
κK	\kappa K	χX	\chi X
$\lambda\Lambda$	\lambda \Lambda	$\psi\Psi$	\psi \Psi
μM	\mu M	$\omega\Omega$	\omega \Omega

Arrows

\leftarrow	\leftarrow	\Leftarrow	\Leftarrow
\rightarrow	\rightarrow	\Rightarrow	\Rightarrow
\leftrightarrow	\leftrightarrow	\rightleftharpoons	\rightleftharpoons
↑	\uparrow	\downarrow	\downarrow
\uparrow	\Uparrow	\Downarrow	\Downarrow
\Leftrightarrow	\Leftrightarrow	\$	\Updownarrow
\mapsto	\mapsto	\longmapsto	\longmapsto
7	\nearrow	>	\searrow
✓	\swarrow	_	\nwarrow
_	\leftharpoonup		\rightharpoonup
_	\leftharpoondown	_	\rightharpoondown

Miscellaneous symbols

∞	\infty	\forall	\forall
\Re	\Re	3:	\Im
∇	\nabla	3	\exists
∂	\partial	∄	\nexists
Ø	\emptyset	Ø	\varnothing
p	\wp	C	\complement
\neg	\neg		\cdots
	\square		\surd
	\blacksquare	Δ	\triangle

Binary Operation/Relation Symbols

			-
×	\times	\otimes	\otimes
÷	\div	\cap	\cap
U	\cup	\neq	\neq
<u> </u>	\leq	≥	\geq
€	\in	T	\perp
∉	\notin	\subset	\subset
\simeq	\simeq	\approx	\approx
Λ	\wedge	V	\vee
\oplus	\oplus	\otimes	\otimes
	\Box	\boxtimes	\boxtimes
=	\equiv	\cong	\cong

Further reading

For more information see: • The great, big list of LATEX symbols

- Mathematical expressions
- Brackets and Parentheses
- Integrals, sums and limits • Mathematical fonts
- Spacing in math mode

• Aligning equations

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