| | | | | | | | |
|---|---|---|---|---|---|---|---|
| $\alpha$ | \alpha | $\theta$ | \theta | $o$ | o | $\tau$ | \tau |
| $\beta$ | \beta | $\vartheta$ | \vartheta | $\pi$ | \pi | $\upsilon$ | \upsilon |
| $\gamma$ | \gamma | $\gamma$ | \gamma | $\varpi$ | \varpi | $\phi$ | \phi |
| $\delta$ | \delta | $\kappa$ | \kappa | $\rho$ | \rho | $\varphi$ | \varphi |
| $\epsilon$ | \epsilon | $\lambda$ | \lambda | $\varrho$ | \varrho | $\chi$ | \chi |
| $\varepsilon$ | \varepsilon | $\mu$ | \mu | $\sigma$ | \sigma | $\psi$ | \psi |
| $\zeta$ | \zeta | $\nu$ | \nu | $\varsigma$ | \varsigma | $\omega$ | \omega |
| $\eta$ | \eta | $\xi$ | \xi | | | | |
| | | | | | | | |
| $\Gamma$ | \Gamma | $\Lambda$ | \Lambda | $\Sigma$ | \Sigma | $\Psi$ | \Psi |
| $\Delta$ | \Delta | $\Xi$ | \Xi | $\Upsilon$ | \Upsilon | $\Omega$ | \Omega |
| $\Theta$ | \Theta | $\Pi$ | \Pi | $\Phi$ | \Phi | | |

Table 1: Greek Letters

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| $\pm$ | \pm | $\cap$ | \cap | $\diamond$ | \diamond | $\oplus$ | \oplus |
| $\mp$ | \mp | $\cup$ | \cup | $\triangle$ | \bigtriangleup | $\ominus$ | \ominus |
| $\times$ | \times | $\uplus$ | \uplus | $\triangledown$ | \bigtriangledown | $\otimes$ | \otimes |
| $\div$ | \div | $\sqcap$ | \sqcap | $\triangleleft$ | \triangleleft | $\oslash$ | \oslash |
| $*$ | \ast | $\sqcup$ | \sqcup | $\triangleright$ | \triangleright | $\odot$ | \odot |
| $\star$ | \star | $\vee$ | \vee | $\lhd$ [b] | \lhd[b] | $\bigcirc$ | \bigcirc |
| $\circ$ | \circ | $\wedge$ | \wedge | $\rhd$ [b] | \rhd[b] | $\dagger$ | \dagger |
| $\bullet$ | \bullet | $\setminus$ | \setminus | $\unlhd$ [b] | \unlhd[b] | $\ddagger$ | \ddagger |
| $\cdot$ | \cdot | $\wr$ | \wr | $\unrhd$ [b] | \unrhd[b] | $\amalg$ | \amalg |
| $+$ | + | $-$ | - | | | | |

[b] Not predefined in a format based on `basefont.tex`. Use one of the style options `oldlfont`, `newlfont`, `amsfonts` or `amssymb`.

Table 2: Binary Operation Symbols

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| $\leq$ | \leq | $\geq$ | \geq | $\equiv$ | \equiv | $\models$ | \models |
| $\prec$ | \prec | $\succ$ | \succ | $\sim$ | \sim | $\perp$ | \perp |
| $\preceq$ | \preceq | $\succeq$ | \succeq | $\simeq$ | \simeq | $\mid$ | \mid |
| $\ll$ | \ll | $\gg$ | \gg | $\asymp$ | \asymp | $\parallel$ | \parallel |
| $\subset$ | \subset | $\supset$ | \supset | $\approx$ | \approx | $\bowtie$ | \bowtie |
| $\subseteq$ | \subseteq | $\supseteq$ | \supseteq | $\cong$ | \cong | $\Join$ [b] | \Join[b] |
| $\sqsubset$ [b] | \sqsubset[b] | $\sqsupset$ [b] | \sqsupset[b] | $\neq$ | \neq | $\smile$ | \smile |
| $\sqsubseteq$ | \sqsubseteq | $\sqsupseteq$ | \sqsupseteq | $\doteq$ | \doteq | $\frown$ | \frown |
| $\in$ | \in | $\ni$ | \ni | $\propto$ | \propto | $=$ | = |
| $\vdash$ | \vdash | $\dashv$ | \dashv | $<$ | < | $>$ | > |
| $:$ | : | | | | | | |

[b] Not predefined in a format based on `basefont.tex`. Use one of the style options `oldlfont`, `newlfont`, `amsfonts` or `amssymb`.

Table 3: Relation Symbols

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| , | , | ; | ; | : | \colon | . | \ldotp | · | \cdotp |

Table 4: Punctuation Symbols

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| $\leftarrow$ | \leftarrow | $\longleftarrow$ | \longleftarrow | $\uparrow$ | \uparrow |
| $\Leftarrow$ | \Leftarrow | $\Longleftarrow$ | \Longleftarrow | $\Uparrow$ | \Uparrow |
| $\rightarrow$ | \rightarrow | $\longrightarrow$ | \longrightarrow | $\downarrow$ | \downarrow |
| $\Rightarrow$ | \Rightarrow | $\Longrightarrow$ | \Longrightarrow | $\Downarrow$ | \Downarrow |
| $\leftrightarrow$ | \leftrightarrow | $\longleftrightarrow$ | \longleftrightarrow | $\updownarrow$ | \updownarrow |
| $\Leftrightarrow$ | \Leftrightarrow | $\Longleftrightarrow$ | \Longleftrightarrow | $\Updownarrow$ | \Updownarrow |
| $\mapsto$ | \mapsto | $\longmapsto$ | \longmapsto | $\nearrow$ | \nearrow |
| $\hookleftarrow$ | \hookleftarrow | $\hookrightarrow$ | \hookrightarrow | $\searrow$ | \searrow |
| $\leftharpoonup$ | \leftharpoonup | $\rightharpoonup$ | \rightharpoonup | $\swarrow$ | \swarrow |
| $\leftharpoondown$ | \leftharpoondown | $\rightharpoondown$ | \rightharpoondown | $\nwarrow$ | \nwarrow |
| $\rightleftharpoons$ | \rightleftharpoons | $\leadsto$[b] | \leadsto[b] | | |

[b] Not predefined in a format based on `basefont.tex`. Use one of the style options `oldlfont`, `newlfont`, `amsfonts` or `amssymb`.

Table 5: Arrow Symbols

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| $\ldots$ | \ldots | $\cdots$ | \cdots | $\vdots$ | \vdots | $\ddots$ | \ddots |
| $\aleph$ | \aleph | $\prime$ | \prime | $\forall$ | \forall | $\infty$ | \infty |
| $\hbar$ | \hbar | $\emptyset$ | \emptyset | $\exists$ | \exists | $\Box$ | \Box[b] |
| $\imath$ | \imath | $\nabla$ | \nabla | $\neg$ | \neg | $\Diamond$ | \Diamond[b] |
| $\jmath$ | \jmath | $\surd$ | \surd | $\flat$ | \flat | $\triangle$ | \triangle |
| $\ell$ | \ell | $\top$ | \top | $\natural$ | \natural | $\clubsuit$ | \clubsuit |
| $\wp$ | \wp | $\bot$ | \bot | $\sharp$ | \sharp | $\diamondsuit$ | \diamondsuit |
| $\Re$ | \Re | $\|$ | \| | $\backslash$ | \backslash | $\heartsuit$ | \heartsuit |
| $\Im$ | \Im | $\angle$ | \angle | $\partial$ | \partial | $\spadesuit$ | \spadesuit |
| $\mho$ | \mho[b] | . | . | $\|$ | \| | | |

[b] Not predefined in a format based on `basefont.tex`. Use one of the style options `oldlfont`, `newlfont`, `amsfonts` or `amssymb`.

Table 6: Miscellaneous Symbols

| | | | | | |
|---|---|---|---|---|---|
| $\sum$ | \sum | $\bigcap$ | \bigcap | $\bigodot$ | \bigodot |
| $\prod$ | \prod | $\bigcup$ | \bigcup | $\bigotimes$ | \bigotimes |
| $\coprod$ | \coprod | $\bigsqcup$ | \bigsqcup | $\bigoplus$ | \bigoplus |
| $\int$ | \int | $\bigvee$ | \bigvee | $\biguplus$ | \biguplus |
| $\oint$ | \oint | $\bigwedge$ | \bigwedge | | |

Table 7: Variable-sized Symbols

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| \arccos | \cos | \csc | \exp | \ker | \limsup | \min | \sinh |
| \arcsin | \cosh | \deg | \gcd | \lg | \ln | \Pr | \sup |
| \arctan | \cot | \det | \hom | \lim | \log | \sec | \tan |
| \arg | \coth | \dim | \inf | \liminf | \max | \sin | \tanh |

Table 8: Log-like Symbols

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| ( | ( | ) | ) | $\uparrow$ | \uparrow | $\Uparrow$ | \Uparrow |
| [ | [ | ] | ] | $\downarrow$ | \downarrow | $\Downarrow$ | \Downarrow |
| { | \{ | } | \} | $\updownarrow$ | \updownarrow | $\Updownarrow$ | \Updownarrow |
| $\lfloor$ | \lfloor | $\rfloor$ | \rfloor | $\lceil$ | \lceil | $\rceil$ | \rceil |
| $\langle$ | \langle | $\rangle$ | \rangle | / | / | \ | \backslash |
| $\|$ | \| | $\|\|$ | \\| | | | |

Table 9: Delimiters

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| $\rmoustache$ | `\rmoustache` | $\lmoustache$ | `\lmoustache` | $\rgroup$ | `\rgroup` | $\lgroup$ | `\lgroup` |
| $\arrowvert$ | `\arrowvert` | $\Arrowvert$ | `\Arrowvert` | $\bracevert$ | `\bracevert` | | |

Table 10: Large Delimiters

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| $\hat{a}$ | `\hat{a}` | $\acute{a}$ | `\acute{a}` | $\bar{a}$ | `\bar{a}` | $\dot{a}$ | `\dot{a}` | $\breve{a}$ | `\breve{a}` |
| $\check{a}$ | `\check{a}` | $\grave{a}$ | `\grave{a}` | $\vec{a}$ | `\vec{a}` | $\ddot{a}$ | `\ddot{a}` | $\tilde{a}$ | `\tilde{a}` |

Table 11: Math mode accents

| | | | |
|---|---|---|---|
| $\widetilde{abc}$ | `\widetilde{abc}` | $\widehat{abc}$ | `\widehat{abc}` |
| $\overleftarrow{abc}$ | `\overleftarrow{abc}` | $\overrightarrow{abc}$ | `\overrightarrow{abc}` |
| $\overline{abc}$ | `\overline{abc}` | $\underline{abc}$ | `\underline{abc}` |
| $\overbrace{abc}$ | `\overbrace{abc}` | $\underbrace{abc}$ | `\underbrace{abc}` |
| $\sqrt{abc}$ | `\sqrt{abc}` | $\sqrt[n]{abc}$ | `\sqrt[n]{abc}` |
| $f'$ | `f'` | $\frac{abc}{xyz}$ | `\frac{abc}{xyz}` |

Table 12: Some other constructions