Table 1: Greek Letters

| \(\alpha\) | \(\theta\) | \(\omicron\) | \(\tau\) | \(\tau\) |
| \(\beta\) | \(\vartheta\) | \(\pi\) | \(\upsilon\) | \(\upsilon\) |
| \(\gamma\) | \(\varpi\) | \(\rho\) | \(\varphi\) | \(\phi\) |
| \(\delta\) | \(\kappa\) | \(\sigma\) | \(\psi\) | \(\psi\) |
| \(\epsilon\) | \(\lambda\) | \(\mu\) | \(\chi\) | \(\chi\) |
| \(\zeta\) | \(\nu\) | \(\varsigma\) | \(\omega\) | \(\omega\) |
| \(\Gamma\) | \(\Lambda\) | \(\Sigma\) | \(\Psi\) | \(\Psi\) |
| \(\Delta\) | \(\Xi\) | \(\Upsilon\) | \(\Omega\) | \(\Omega\) |
| \(\Theta\) | \(\Pi\) | \(\Phi\) | \(\Phi\) |

Table 2: Binary Operation Symbols

| \(\pm\) | \(\cap\) | \(\diamond\) | \(\oplus\) |
| \(\mp\) | \(\cup\) | \(\bigtriangleup\) | \(\ominus\) |
| \(\times\) | \(\uplus\) | \(\bigcap\) | \(\otimes\) |
| \(\div\) | \(\sqcap\) | \(\bigtriangledown\) | \(\vartriangledown\) |
| \(\ast\) | \(\sqcup\) | \(\diamondsuit\) | \(\odot\) |
| \(\star\) | \(\updownarrow\) | \(\bigcirc\) | \(\oslash\) |
| \(\circ\) | \(\bigodot\) | \(\bullet\) | \(\amalg\) |
| \(\cdot\) | \(\wr\) | \(\dagger\) | \(\cdot\) |
| \(\times\) | \(\cdot\) | \(\cdot\) | \(\cdot\) |

Table 3: Relation Symbols

| \(\leq\) | \(\geq\) | \(\equiv\) | \(\models\) |
| \(\prec\) | \(\succ\) | \(\sim\) | \(\perp\) |
| \(\preceq\) | \(\succeq\) | \(\simeq\) | \(\mid\) |
| \(\ll\) | \(\gg\) | \(\asymp\) | \(\parallel\) |
| \(\subset\) | \(\supset\) | \(\approx\) | \(\bowtie\) |
| \(\sqsubseteq\) | \(\sqsupseteq\) | \(\cong\) | \(\Join^b\) |
| \(\sqsubset\) | \(\sqsupset\) | \(\neq\) | \(\smile\) |
| \(\sqsubseteq\) | \(\sqsupseteq\) | \(\doteq\) | \(\frown\) |
| \(\in\) | \(\ni\) | \(\propto\) | \(\dagger\) |
| \(\vdash\) | \(\dashv\) | \(\ltimes\) | \(\rightarrow\) |

Table 4: Punctuation Symbols

| , | , | ; | ; | : | \colon | \ldotp | \cdotp |
Table 5: Arrow Symbols

<table>
<thead>
<tr>
<th>Symbol</th>
<th>Representation</th>
</tr>
</thead>
<tbody>
<tr>
<td>\leftarrow</td>
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Table 6: Miscellaneous Symbols

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Table 7: Variable-sized Symbols

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Table 8: Log-like Symbols
Table 9: Delimiters

\| \text{\textbackslash moustache} \| \text{\textbackslash lbrace} \| \text{\textbackslash rbrace} \| \text{\textbackslash group} \| \text{\textbackslash lgroup} \\
\text{\textbackslash arrowvert} \| \text{\textbackslash Arrowvert} \| \text{\textbackslash bracevert} \\

Table 10: Large Delimiters

\hat{a} \ \acute{a} \ \bar{a} \ \dot{a} \ \breve{a} \ \check{a} \ \grave{a} \ \vec{a} \ \ddot{a} \ \tilde{a} \\
\widetilde{abc} \ \widehat{abc} \ \overleftarrow{abc} \ \overrightarrow{abc} \ \overline{abc} \ \underline{abc} \\
\sqrt{abc} \ \sqrt[n]{abc} \ \frac{abc}{xyz} \\

Table 11: Math mode accents

\frac{abc}{xyz} \\

ewlfont/margid \oldlfont/nomargid \text{Required style option} \\
\text{ABCdef} \ \text{\textbackslash mathrm{ABCdef}} \ \text{\textbackslash cal{ABC}} \ \text{\textbackslash frak{ABCdef}} \ \text{\textbackslash Bbb{ABC}} \\
\text{\textbackslash mathrm{ABCdef}} \ \text{\textbackslash cal{ABC}} \ \text{\textbackslash frak{ABCdef}} \ \text{\textbackslash Bbb{ABC}} \\
\text{\textbackslash cal{ABC}} \ \text{\textbackslash frak{ABCdef}} \ \text{\textbackslash Bbb{ABC}} \\

Table 12: Some other constructions

\text{\textbackslash mathcal{ABC}} \ \text{\textbackslash mathfrak{ABCdef}} \\
\text{\textbackslash cal{ABC}} \ \text{\textbackslash frak{ABCdef}} \\
\text{\textbackslash Bbb{ABC}}