Symbols defined by unicode-math

Will Robertson
Modified (df) to show Erewhon Math symbols

This document uses the file unicode-math-table.tex to print every symbol defined by the unicode-math package. Use this document to find the command name or the Unicode glyph slot for a symbol that you wish to use. The following fonts are shown: (with approximate symbol counts)\(^1\)

M Latin Modern Math (1602)
S STIX Two Math (2447)
E Erewhon Math (1679)
P TeX Gyre Pagella Math (1655)
D DejaVu Math TeX Gyre (1657)
L Libertinus Math (1657)
G Garamond Math (1647)

Symbols defined in Plain \TeX\ are indicated with \(^{(p)}\) after their macro name. \LaTeX\ follows Plain \TeX, but defines a handful more, indicated with \(^{(l)}\). Symbols defined in \texttt{amssymb} are indicated with \(^{(a)}\).

Note that this list of fonts is not intended to be exhaustive but I am happy to add new fonts by request if they are distributed in \TeX\ Live.\(^2\)

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9 Bottom accents, \texttt{\textbackslash mathbotaccent} 	 
10 Bottom accents wide, \texttt{\textbackslash mathbotaccentwide}

\(^1\)Be aware that 48 lowercase latin letters are missing in \texttt{Script} and \texttt{BoldScript} shapes for both Latin Modern Math and Erewhon Math, compared to the other four fonts.

\(^2\)Only a single \TeX\ Gyre Math font is shown here by design as they all largely have the same symbol coverage.
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## 1 Opening symbols, \mathopen

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## 2 Closing symbols, \texttt{\textbackslash mathclose}

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6
## 4  Punctuation symbols, \textbackslash mathpunct

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## 5  ‘Over’ symbols, \textbackslash mathover

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<td>\textasciitilde x+y</td>
<td>\textasciitilde x+y</td>
<td>\textasciitilde x+y</td>
<td>\textbackslash overbracket</td>
<td>top square bracket</td>
</tr>
<tr>
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<td>\textasciitilde x+y</td>
<td>\textasciitilde x+y</td>
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<td>\textasciitilde x+y</td>
<td>\textasciitilde x+y</td>
<td>\textbackslash overparen</td>
<td>top parenthesis (mathematical use)</td>
</tr>
<tr>
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<td>\textasciitilde x+y</td>
<td>\textasciitilde x+y</td>
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<td>\textasciitilde x+y</td>
<td>\textasciitilde x+y</td>
<td>\textbackslash overbrace^{(p)}</td>
<td>top curly bracket (mathematical use)</td>
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## 6  ‘Under’ symbols, \textbackslash mathunder

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<td>\textbackslash underparen</td>
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<td>\textasciitilde x+y</td>
<td>\textasciitilde x+y</td>
<td>\textasciitilde x+y</td>
<td>\textbackslash underbrace^{(p)}</td>
<td>bottom curly bracket (mathematical use)</td>
</tr>
</tbody>
</table>
7 Accents, \texttt{\textbackslash mathaccent}

Note that accents will only be properly placed if used with an OpenType font with the necessary information.

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<td>̀</td>
<td>̀</td>
<td>\texttt{\textbackslash grave}(^{(p)})</td>
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### 8 Accents wide, \texttt{\mathaccentwide}

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<td>\texttt{x+y}</td>
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### 9 Bottom accents, \textbackslash mathbotaccent

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### 10 Bottom accents wide, \textbackslash mathbotaccentwide

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<td>underleftarrow accent</td>
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<td>\underleftarrow</td>
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### Big operators, \texttt{\textbackslash mathop}

Of the operators shown below, a subset need to be flagged by \texttt{unicode-math} for \texttt{\textbackslash limits} adjustments. The limits behaviour as specified by \texttt{unicode-math} are shown with grey subscripts and superscripts.

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12 Binary relations, \texttt{\textbackslash mathbin}

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#13 Ordinary symbols, \texttt{\textbackslash mathord}

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## 14 Relation symbols, \texttt{\textbackslash mathrel}

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15 Alphabetical symbols, \mathalpha

15.1 Normal weight

15.1.1 Upright Greek, uppercase

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15.1.9 Fraktur, Latin, uppercase

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### 15.1.10 Fraktur, Latin, lowercase

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15.2.13 **Bold sans serif, Latin, uppercase**

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