

The unicode-math test suite

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1 Preamble

The following pieces of output are generated from the code shown. As well as being good minimal examples, these tests are useful to ensure that new bugs don't affect old behaviour. When the test suite is run, the new output is compared pixel by pixel with that shown here and warnings produced if the outputs are not identical.

2 X_ELaT_EX test files

2.1 Test X001a

```
\input{umtest-preamble}
\usepackage[math-style=TeX]{unicode-math}
\setmathfont{Cambria Math}
\begin{document}
[\LATINtext]
[\latintext]
[\LATINmath]
[\latinmath]
\end{document}
```

ABCDEFGHIJKLMNOPQRSTUVWXYZ
abcdefghijklmnopqrstuvwxyz
ABCDEFGHIJKLMNOPQRSTUVWXYZ
abcdefghijklmnopqrstuvwxyz

2.2 Test X001b

```
\input{umtest-preamble}
\usepackage[math-style=ISO]{unicode-math}
\setmathfont{Cambria Math}
\begin{document}
[\LATINtext]
[\latintext]
[\LATINmath]
[\latinmath]
\end{document}
```

ABCDEFGHIJKLMNOPQRSTUVWXYZ
abcdefghijklmnopqrstuvwxyz
ABCDEFGHIJKLMNOPQRSTUVWXYZ
abcdefghijklmnopqrstuvwxyz

2.3 Test X001c

```
\input{umtest-preamble}
\usepackage[math-style=literal]{unicode-math}
\setmathfont{Cambria Math}
\begin{document}
[\LATINtext]
[\latintext]
[\LATINmath]
[\latinmath]
\end{document}
```

ABCDEFGHIJKLMNOPQRSTUVWXYZ
abcdefghijklmnopqrstuvwxyz
ABCDEFGHIJKLMNOPQRSTUVWXYZ
abcdefghijklmnopqrstuvwxyz

2.4 Test X001d

```
\input{umtest-preamble}
\usepackage[math-style=french]{unicode-math}
\setmathfont{Cambria Math}
\begin{document}
[\LATINtext]
[\latintext]
[\LATINmath]
[\latinmath]
\end{document}
```

ABCDEFGHIJKLMNOPQRSTUVWXYZ
abcdefghijklmnopqrstuvwxyz
ABCDEFGHIJKLMNOPQRSTUVWXYZ
abcdefghijklmnopqrstuvwxyz

2.5 Test X001e

```
\input{umtest-preamble}
\usepackage[math-style=upright]{unicode-math}
\setmathfont{Cambria Math}
\begin{document}
[\LATINtext]
[\latintext]
[\LATINmath]
[\latinmath]
\end{document}
```

ABCDEFGHIJKLMNOPQRSTUVWXYZ
abcdefghijklmnopqrstuvwxyz
ABCDEFGHIJKLMNOPQRSTUVWXYZ
abcdefghijklmnopqrstuvwxyz

2.6 Test X002a

```
\input{umtest-preamble}
\usepackage[math-style=TeX]{unicode-math}
\setmathfont{Cambria Math}
\begin{document}
\[ \text{\textGREEKtext} ]
\[ \text{\textgreektext} ]
\[ \text{\textGREEKmath} ]
\[ \text{\textgreekmath} ]
\end{document}
```

ΑΒΓΔΕΖΗΘΙΚΑΜΝΞΟΠΡΣΤΥΦΧΨΩ
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2.7 Test X002b

```
\input{umtest-preamble}
\usepackage[math-style=ISO]{unicode-math}
\setmathfont{Cambria Math}
\begin{document}
\[ \text{\textGREEKtext} ]
\[ \text{\textgreektext} ]
\[ \text{\textGREEKmath} ]
\[ \text{\textgreekmath} ]
\end{document}
```

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2.8 Test X002c

```
\input{umtest-preamble}
\usepackage[math-style=literal]{unicode-math}
\setmathfont{Cambria Math}
\begin{document}
\[ \text{\textGREEKtext} ]
\[ \text{\textgreektext} ]
\[ \text{\textGREEKmath} ]
\[ \text{\textgreekmath} ]
\end{document}
```

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2.9 Test X002d

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αβγδεεζηθικλμξοπωρξστυφχψω
ΑΒΓΔΕΖΗΘΙΚΑΛΜΝΞΟΠΡΣΤΥΦΧΨΩ
αβγδεεζηθικλμξοπωρξστυφχψω

2.10 Test X002e

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αβγδεεζηθικλμνξοπωρρςτυφφχψω
ΑΒΓΔΕΖΗΘΙΚΑΛΜΝΞΟΠΡΣΤΥΦΧΨΩ
αβγδεεζηθικλμνξοπωρρςτυφφχψω

2.11 Test X003a

```
\input{umtest-preamble}
\usepackage[bold-style=TeX]{unicode-math}
\setmathfont{Cambria Math}
\begin{document}
\[\text{\textbf{LATINmathbfup}}\]
\[\text{\textbf{LATINmathbfit}}\]
\[\text{\textbf{latinmathbfup}}\]
\[\text{\textbf{latinmathbfit}}\]
\[\text{\textbf{numbersmathbfup}}\]
\end{document}
```

ABCDEFGHIJKLMNPQRSTUVWXYZ
ABCDEFGHIJKLMNPQRSTUVWXYZ
abcdefghijklmnopqrstuvwxyz
abcdefghijklmnopqrstuvwxyz
0123456789

2.12 Test X003b

```
\input{umtest-preamble}
\usepackage[bold-style=TeX]{unicode-math}
\setmathfont{Cambria Math}
\begin{document}
\[ \mathbf{\text{\textit{GREEKmathbfup}}} \]
\[ \mathbf{\text{\textit{GREEKmathbfit}}} \]
\[ \mathbf{\text{\textit{greekmathbfup}}} \]
\[ \mathbf{\text{\textit{greekmathbfit}}} \]
\end{document}
```

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αβγδεεζηθικλμνξοπωρρεστυφφχψω
αβγδεεζηθικλμνξοπωρρεστυφφχψω

2.13 Test X003c

```
\input{umtest-preamble}
\usepackage[bold-style=TeX]{unicode-math}
\setmathfont{Cambria Math}
\begin{document}
\[ \mathbf{\text{\textit{LATINmath}}} \]
\[ \mathbf{\text{\textit{LATINtext}}} \]
\[ \mathbf{\text{\textit{latinmath}}} \]
\[ \mathbf{\text{\textit{latintext}}} \]
\[ \mathbf{\text{\textit{0123456789}}} \]
\end{document}
```

ABCDEFGHIJKLMNOPQRSTUVWXYZ
ABCDEFGHIJKLMNOPQRSTUVWXYZ
abcdefghijklmnopqrstuvwxyz
abcdefghijklmnopqrstuvwxyz
0123456789

2.14 Test X003d

```
\input{umtest-preamble}
\usepackage[bold-style=TeX]{unicode-math}
\setmathfont{Cambria Math}
\begin{document}
\[ \mathbf{\text{\textit{GREEKmath}}} \]
\[ \mathbf{\text{\textit{GREEKtext}}} \]
\[ \mathbf{\text{\textit{greekmath}}} \]
\[ \mathbf{\text{\textit{greektext}}} \]
\end{document}
```

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αβγδεεζηθικλμνξοπωρρεστυφφχψω
αβγδεεζηθικλμνξοπωρρεστυφφχψω

2.15 Test X003e

```
\input{umtest-preamble}
\usepackage[bold-style=ISO]{unicode-math}
\setmathfont{Cambria Math}
\begin{document}
[\LATINmathbfup]
[\LATINmathbfit]
[\latinmathbfup]
[\latinmathbfit]
[\numbersmathbfup]
\end{document}
```

ABCDEFGHIJKLMNOPQRSTUVWXYZ
ABCDEFGHIJKLMNOPQRSTUVWXYZ
abcdefghijklmnopqrstuvwxyz
abcdefghijklmnopqrstuvwxyz
0123456789

2.16 Test X003f

```
\input{umtest-preamble}
\usepackage[bold-style=ISO]{unicode-math}
\setmathfont{Cambria Math}
\begin{document}
[\GREEKmathbfup]
[\GREEKmathbfit]
[\greekmathbfup]
[\greekmathbfit]
\end{document}
```

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αβγδεεζηθικλμνξοπωρρεστυφφχψω

2.17 Test X003g

```
\input{umtest-preamble}
\usepackage[bold-style=ISO]{unicode-math}
\setmathfont{Cambria Math}
\begin{document}
[\mathbf{\LATINmath}]
[\mathbf{\LATINtext}]
[\mathbf{\latinmath}]
[\mathbf{\latintext}]
[\mathbf{0123456789}]
\end{document}
```

ABCDEFGHIJKLMNOPQRSTUVWXYZ
ABCDEFGHIJKLMNOPQRSTUVWXYZ
abcdefghijklmnopqrstuvwxyz
abcdefghijklmnopqrstuvwxyz
0123456789

2.18 Test X003h

```
\input{umtest-preamble}
\usepackage[bold-style=ISO]{unicode-math}
\setmathfont{Cambria Math}
\begin{document}
\[\mathbf{\text{\textit{GREEKmath}}}\]
\[\mathbf{\text{\textit{GREEKtext}}}\]
\[\mathbf{\text{\textit{greekmath}}}\]
\[\mathbf{\text{\textit{greektext}}}\]
\end{document}
```

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αβγδεεζηθθικιλμνξοπωρρεστυφφχψω

2.19 Test X003i

```
\input{umtest-preamble}
\usepackage[bold-style=upright]{unicode-math}
\setmathfont{Cambria Math}
\begin{document}
\[\text{\textit{LATINmathbfup}}\]
\[\text{\textit{LATINmathbfit}}\]
\[\text{\textit{latinmathbfup}}\]
\[\text{\textit{latinmathbfit}}\]
\[\text{\textit{numbersmathbfup}}\]
\end{document}
```

ABCDEFGHIJKLMNOPQRSTUVWXYZ
ABCDEFGHIJKLMNOPQRSTUVWXYZ
abcdefghijklmnopqrstuvwxyz
abcdefghijklmnopqrstuvwxyz
0123456789

2.20 Test X003j

```
\input{umtest-preamble}
\usepackage[bold-style=upright]{unicode-math}
\setmathfont{Cambria Math}
\begin{document}
\[\text{\textit{GREEKmathbfup}}\]
\[\text{\textit{GREEKmathbfit}}\]
\[\text{\textit{greekmathbfup}}\]
\[\text{\textit{greekmathbfit}}\]
\end{document}
```

ΑΒΓΔΕΖΗΘΘΙΚΛΜΝΞΟΠΡΣΤΥΦΧΨΩ
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αβγδεεζηθθικιλμνξοπωρρεστυφφχψω
αβγδεεζηθθικιλμνξοπωρρεστυφφχψω

2.21 Test X003k

```
\input{umtest-preamble}
\usepackage[bold-style=upright]{unicode-math}
\setmathfont{Cambria Math}
\begin{document}
\[ \mathbf{LATINmath} \]
\[ \mathbf{LATINtext} \]
\[ \mathbf{latinmath} \]
\[ \mathbf{latintext} \]
\[ \mathbf{0123456789} \]
\end{document}
```

ABCDEFGHIJKLMNOPQRSTUVWXYZ
ABCDEFGHIJKLMNOPQRSTUVWXYZ
abcdefghijklmnopqrstuvwxyz
abcdefghijklmnopqrstuvwxyz
0123456789

2.22 Test X003l

```
\input{umtest-preamble}
\usepackage[bold-style=upright]{unicode-math}
\setmathfont{Cambria Math}
\begin{document}
\[ \mathbf{GREEKmath} \]
\[ \mathbf{GREEKtext} \]
\[ \mathbf{greekmath} \]
\[ \mathbf{greektext} \]
\end{document}
```

ΑΒΓΔΕΖΗΘΙΚΛΜΝΞΟΠΡΣΤΥΦΧΨΩ
ΑΒΓΔΕΖΗΘΙΚΛΜΝΞΟΠΡΣΤΥΦΧΨΩ
αβγδεεζηθθικλμνξοπωρρεστυφφχψω
αβγδεεζηθθικλμνξοπωρρεστυφφχψω

2.23 Test X003m

```
\input{umtest-preamble}
\usepackage[bold-style=literal]{unicode-math}
\setmathfont{Cambria Math}
\begin{document}
\[ \mathbf{LATINmathbfup} \]
\[ \mathbf{LATINmathbfit} \]
\[ \mathbf{latinmathbfup} \]
\[ \mathbf{latinmathbfit} \]
\[ \mathbf{numbersmathbfup} \]
\end{document}
```

ABCDEFGHIJKLMNOPQRSTUVWXYZ
ABCDEFGHIJKLMNOPQRSTUVWXYZ
abcdefghijklmnopqrstuvwxyz
abcdefghijklmnopqrstuvwxyz
0123456789

2.24 Test X003n

```
\input{umtest-preamble}
\usepackage[bold-style=literal]{unicode-math}
\setmathfont{Cambria Math}
\begin{document}
\[\mathbf{\text{\textit{GREEKmathfup}}}\]
\[\mathbf{\text{\textit{GREEKmathbfit}}}\]
\[\mathbf{\text{\textit{greekmathfup}}}\]
\[\mathbf{\text{\textit{greekmathbfit}}}\]
\end{document}
```

ΑΒΓΔΕΖΗΘΘΙΚΛΜΝΞΟΠΡΣΤΥΦΧΨΩ
ΑΒΓΔΕΖΗΘΘΙΚΛΜΝΞΟΠΡΣΤΥΦΧΨΩ
αβγδεεζηθθικλμνξοπωρρεστυφφχψω
αβγδεεζηθθικλμνξοπωρρεστυφφχψω

2.25 Test X003o

```
\input{umtest-preamble}
\usepackage[bold-style=literal]{unicode-math}
\setmathfont{Cambria Math}
\begin{document}
\[\mathbf{\text{\textit{LATINmath}}}\]
\[\mathbf{\text{\textit{LATINtext}}}\]
\[\mathbf{\text{\textit{latinmath}}}\]
\[\mathbf{\text{\textit{latintext}}}\]
\[\mathbf{\text{\textit{0123456789}}}\]
\end{document}
```

ABCDEFGHIJKLMNOPQRSTUVWXYZ
ABCDEFGHIJKLMNOPQRSTUVWXYZ
abcdefghijklmnopqrstuvwxyz
abcdefghijklmnopqrstuvwxyz
0123456789

2.26 Test X003p

```
\input{umtest-preamble}
\usepackage[bold-style=literal]{unicode-math}
\setmathfont{Cambria Math}
\begin{document}
\[\mathbf{\text{\textit{GREEKmath}}}\]
\[\mathbf{\text{\textit{GREEKtext}}}\]
\[\mathbf{\text{\textit{greekmath}}}\]
\[\mathbf{\text{\textit{greektext}}}\]
\end{document}
```

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αβγδεεζηθθικλμνξοπωρρεστυφφχψω
αβγδεεζηθθικλμνξοπωρρεστυφφχψω

2.27 Test X004a

```
\input{umtest-preamble}
\usepackage[sans-style=upright]{unicode-math}
\setmathfont{Cambria Math}
\begin{document}
\[ \text{\textsf{\texttt{LATINmathsfup}}} \]
\[ \text{\textsf{\texttt{LATINmathsfit}}} \]
\[ \text{\textsf{\texttt{latinmathsfup}}} \]
\[ \text{\textsf{\texttt{latinmathsfit}}} \]
\[ \text{\textsf{\texttt{numbersmathsfup}}} \]
\end{document}
```

ABCDEFGHIJKLMNOPQRSTUVWXYZ
ABCDEFGHIJKLMNOPQRSTUVWXYZ
abcdefghijklmnopqrstuvwxyz
abcdefghijklmnopqrstuvwxyz
0123456789

2.28 Test X004b

```
\input{umtest-preamble}
\usepackage[sans-style=upright]{unicode-math}
\setmathfont{Cambria Math}
\begin{document}
\[ \text{\textsf{\texttt{\text{LATINtext}}}} \]
\[ \text{\textsf{\texttt{\text{LATINmath}}}} \]
\[ \text{\textsf{\texttt{\text{latintext}}}} \]
\[ \text{\textsf{\texttt{\text{latinmath}}}} \]
\[ \text{\textsf{\texttt{0123456789}}} \]
\end{document}
```

ABCDEFGHIJKLMNOPQRSTUVWXYZ
ABCDEFGHIJKLMNOPQRSTUVWXYZ
abcdefghijklmnopqrstuvwxyz
abcdefghijklmnopqrstuvwxyz
0123456789

2.29 Test X004c

```
\input{umtest-preamble}
\usepackage[sans-style=italic]{unicode-math}
\setmathfont{Cambria Math}
\begin{document}
\[ \text{\textsf{\texttt{LATINmathsfup}}} \]
\[ \text{\textsf{\texttt{LATINmathsfit}}} \]
\[ \text{\textsf{\texttt{latinmathsfup}}} \]
\[ \text{\textsf{\texttt{latinmathsfit}}} \]
\[ \text{\textsf{\texttt{numbersmathsfup}}} \]
\end{document}
```

ABCDEFGHIJKLMNOPQRSTUVWXYZ
ABCDEFGHIJKLMNOPQRSTUVWXYZ
abcdefghijklmnopqrstuvwxyz
abcdefghijklmnopqrstuvwxyz
0123456789

2.30 Test X004d

```
\input{umtest-preamble}
\usepackage[sans-style=italic]{unicode-math}
\setmathfont{Cambria Math}
\begin{document}
[\mathsf{\LATINtext}]
[\mathsf{\LATINmath}]
[\mathsf{\latintext}]
[\mathsf{\latinmath}]
[\mathsf{0123456789}]
\end{document}
```

ABCDEFGHIJKLMNOPQRSTUVWXYZ
ABCDEFGHIJKLMNOPQRSTUVWXYZ
abcdefghijklmnopqrstuvwxyz
abcdefghijklmnopqrstuvwxyz
0123456789

2.31 Test X004e

```
\input{umtest-preamble}
\usepackage[sans-style=literal]{unicode-math}
\setmathfont{Cambria Math}
\begin{document}
[\mathsf{\LATINmathsfup}]
[\mathsf{\LATINmathsfit}]
[\mathsf{\latinmathsfup}]
[\mathsf{\latinmathsfit}]
[\mathsf{\numbersmathsfup}]
\end{document}
```

ABCDEFGHIJKLMNOPQRSTUVWXYZ
ABCDEFGHIJKLMNOPQRSTUVWXYZ
abcdefghijklmnopqrstuvwxyz
abcdefghijklmnopqrstuvwxyz
0123456789

2.32 Test X004f

```
\input{umtest-preamble}
\usepackage[sans-style=literal]{unicode-math}
\setmathfont{Cambria Math}
\begin{document}
[\mathsf{\LATINtext}]
[\mathsf{\LATINmath}]
[\mathsf{\latintext}]
[\mathsf{\latinmath}]
[\mathsf{0123456789}]
\end{document}
```

ABCDEFGHIJKLMNOPQRSTUVWXYZ
ABCDEFGHIJKLMNOPQRSTUVWXYZ
abcdefghijklmnopqrstuvwxyz
abcdefghijklmnopqrstuvwxyz
0123456789

2.33 Test X005a

```
\input{umtest-preamble}
\usepackage[sans-style=upright]{unicode-math}
\setmathfont{Code2001}
\begin{document}
\[ \text{\textnormal{LATINmathbf{fup}}} \]
\[ \text{\textnormal{LATINmathbf{fit}}} \]
\[ \text{\textnormal{latinmathbf{fup}}} \]
\[ \text{\textnormal{latinmathbf{fit}}} \]
\[ \text{\textnormal{numbersmathbf{fup}}} \]
\end{document}
```

ABCDEFGHIJKLMNOPQRSTUVWXYZ
ABCDEFGHIJKLMNOPQRSTUVWXYZ
abcdefghijklmnopqrstuvwxyz
abcdefghijklmnopqrstuvwxyz
0123456789

2.34 Test X005b

```
\input{umtest-preamble}
\usepackage[sans-style=upright]{unicode-math}
\setmathfont{Code2001}
\begin{document}
\[ \text{\textnormal{GREEKmathbf{fup}}} \]
\[ \text{\textnormal{GREEKmathbf{fit}}} \]
\[ \text{\textnormal{greekmathbf{fup}}} \]
\[ \text{\textnormal{greekmathbf{fit}}} \]
\end{document}
```

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αβγδεεζηθικιλμνξοπωρεστυφθχψω
αβγδεεζηθικιλμνξοπωρεστυφθχψω

2.35 Test X005c

```
\input{umtest-preamble}
\usepackage[sans-style=upright]{unicode-math}
\setmathfont{Code2001}
\begin{document}
\[ \text{\textnormal{mathbf{\textnormal{LATINmath}}}} \]
\[ \text{\textnormal{mathbf{\textnormal{LATINtext}}}} \]
\[ \text{\textnormal{mathbf{\textnormal{latinmath}}}} \]
\[ \text{\textnormal{mathbf{\textnormal{latintext}}}} \]
\[ \text{\textnormal{mathbf{\{0123456789\}}}} \]
\end{document}
```

ABCDEFGHIJKLMNOPQRSTUVWXYZ
ABCDEFGHIJKLMNOPQRSTUVWXYZ
abcdefghijklmnopqrstuvwxyz
abcdefghijklmnopqrstuvwxyz
0123456789

2.36 Test X005d

```
\input{umtest-preamble}
\usepackage[sans-style=upright]{unicode-math}
\setmathfont{Code2001}
\begin{document}
\[\mathbf{\mathsf{GREEKmath}}\]
\[\mathbf{\mathsf{GREEKtext}}\]
\[\mathbf{\mathsf{greekmath}}\]
\[\mathbf{\mathsf{greektext}}\]
\end{document}
```

ΑΒΓΔΕΖΗΘΙΚΛΜΝΞΟΠΡΣΤΥΦΧΨΩ
ΑΒΓΔΕΖΗΘΙΚΛΜΝΞΟΠΡΣΤΥΦΧΨΩ
αβγδεεζηθικιλμνξοπωρεςστυφφχψω
αβγδεεζηθικιλμνξοπωρεςστυφφχψω

2.37 Test X005e

```
\input{umtest-preamble}
\usepackage[sans-style=italic]{unicode-math}
\setmathfont{Code2001}
\begin{document}
\[\mathbf{\mathit{LATINmathbf{fsup}}}\]
\[\mathbf{\mathit{LATINmathbf{fsfit}}}\]
\[\mathbf{\mathit{latinmathbf{fsup}}}\]
\[\mathbf{\mathit{latinmathbf{fsfit}}}\]
\[\mathbf{\mathit{numbersmathbf{fsup}}}\]
\end{document}
```

ABCDEFGHIJKLMNPQRSTUVWXYZ
ABCDEFGHIJKLMNPQRSTUVWXYZ
abcdefghijklmnopqrstuvwxyz
abcdefghijklmnopqrstuvwxyz
0123456789

2.38 Test X005f

```
\input{umtest-preamble}
\usepackage[sans-style=italic]{unicode-math}
\setmathfont{Code2001}
\begin{document}
\[\mathbf{\mathit{GREEKmathbf{fsup}}}\]
\[\mathbf{\mathit{GREEKmathbf{fsfit}}}\]
\[\mathbf{\mathit{greekmathbf{fsup}}}\]
\[\mathbf{\mathit{greekmathbf{fsfit}}}\]
\end{document}
```

ΑΒΓΔΕΖΗΘΙΚΛΜΝΞΟΠΡΣΤΥΦΧΨΩ
ΑΒΓΔΕΖΗΘΙΚΛΜΝΞΟΠΡΣΤΥΦΧΨΩ
αβγδεεζηθικιλμνξοπωρεςστυφθχψω
αβγδεεζηθικιλμνξοπωρεςστυφθχψω

2.39 Test X005g

```
\input{umtest-preamble}
\usepackage[sans-style=italic]{unicode-math}
\setmathfont{Code2001}
\begin{document}
\[ \mathbf{LATINmath} \]
\[ \mathbf{LATINtext} \]
\[ \mathbf{latinmath} \]
\[ \mathbf{latintext} \]
\[ \mathbf{0123456789} \]
\end{document}
```

ABCDEFGHIJKLMNOPQRSTUVWXYZ
ABCDEFGHIJKLMNOPQRSTUVWXYZ
abcdefghijklmnopqrstuvwxyz
abcdefghijklmnopqrstuvwxyz
0123456789

2.40 Test X005h

```
\input{umtest-preamble}
\usepackage[sans-style=italic]{unicode-math}
\setmathfont{Code2001}
\begin{document}
\[ \mathbf{GREEKmath} \]
\[ \mathbf{GREEKtext} \]
\[ \mathbf{greekmath} \]
\[ \mathbf{greektext} \]
\end{document}
```

ΑΒΓΔΕΖΗΘΙΚΛΜΝΞΟΠΡΣΤΥΦΧΨΩ
ΑΒΓΔΕΖΗΘΙΚΛΜΝΞΟΠΡΣΤΥΦΧΨΩ
αβγδεεζηθικικλμνξοπωρεσστυφχψω
αβγδεεζηθικικλμνξοπωρεσστυφχψω

2.41 Test X005i

```
\input{umtest-preamble}
\usepackage[sans-style=literal]{unicode-math}
\setmathfont{Code2001}
\begin{document}
\[ \mathbf{LATINmathbf{sfup}} \]
\[ \mathbf{LATINmathbf{sfit}} \]
\[ \mathbf{latinmathbf{sfup}} \]
\[ \mathbf{latinmathbf{sfit}} \]
\[ \mathbf{numbersmathbf{sfup}} \]
\end{document}
```

ABCDEFGHIJKLMNOPQRSTUVWXYZ
ABCDEFGHIJKLMNOPQRSTUVWXYZ
abcdefghijklmnopqrstuvwxyz
abcdefghijklmnopqrstuvwxyz
0123456789

2.42 Test X005j

```
\input{umtest-preamble}
\usepackage[sans-style=literal]{unicode-math}
\setmathfont{Code2001}
\begin{document}
\[ \text{\textGREEKmathbf{up}} \]
\[ \text{\textGREEKmathbf{fit}} \]
\[ \text{\textgreekmathbf{up}} \]
\[ \text{\textgreekmathbf{fit}} \]
\end{document}
```

ΑΒΓΔΕΖΗΘΙΚΛΜΝΞΟΠΡΣΤΥΦΧΨΩ
ΑΒΓΔΕΖΗΘΙΚΛΜΝΞΟΠΡΣΤΥΦΧΨΩ
αβγδεεζηθικιλμνξοπωρεςστυφθχψω
αβγδεεζηθικιλμνξοπωρεςστυφθχψω

2.43 Test X005k

```
\input{umtest-preamble}
\usepackage[sans-style=literal]{unicode-math}
\setmathfont{Code2001}
\begin{document}
\[ \text{\mathbf{LATINmath}} \]
\[ \text{\mathbf{LATINtext}} \]
\[ \text{\mathbf{latinmath}} \]
\[ \text{\mathbf{latintext}} \]
\[ \text{\mathbf{0123456789}} \]
\end{document}
```

ABCDEFGHIJKLMNOPQRSTUVWXYZ
abcdefghijklmnopqrstuvwxyz
0123456789

2.44 Test X005l

```
\input{umtest-preamble}
\usepackage[sans-style=literal]{unicode-math}
\setmathfont{Code2001}
\begin{document}
\[ \text{\mathbf{GREEKmath}} \]
\[ \text{\mathbf{GREEKtext}} \]
\[ \text{\mathbf{greekmath}} \]
\[ \text{\mathbf{greektext}} \]
\end{document}
```

ΑΒΓΔΕΖΗΘΙΚΛΜΝΞΟΠΡΣΤΥΦΧΨΩ
ΑΒΓΔΕΖΗΘΙΚΛΜΝΞΟΠΡΣΤΥΦΧΨΩ
αβγδεεζηθικιλμνξοπωρεςστυφθχψω
αβγδεεζηθικιλμνξοπωρεςστυφθχψω

2.45 Test X010a

```
\input{umtest-preamble}
\usepackage{unicode-math}
\setmathfont{Cambria Math}
\begin{document}
\[\mathscr{\text{LATINtext}}\]
\[\mathscr{\text{latintext}}\]
\[\mathscr{\text{LATINmath}}\]
\[\mathscr{\text{latinmath}}\]
\end{document}
```

ABCDEFGHIJKLMNOPQRSTUVWXYZ
abcdefghijklmnopqrstuvwxyz
ABCDEFGHIJKLMNOPQRSTUVWXYZ
abcdefghijklmnopqrstuvwxyz

2.46 Test X010b

```
\input{umtest-preamble}
\usepackage{unicode-math}
\setmathfont{Cambria Math}
\begin{document}
\[\text{\textnormal{LATINmathscr}}\]
\[\text{\textnormal{latinmathscr}}\]
\[\text{\textnormal{reservedmathscr}}\]
\end{document}
```

ABCDEFGHIJKLMNPQRSTUVWXYZ
abcdefghijklmnopqrstuvwxyz

2.47 Test X010c

```
\input{umtest-preamble}
\usepackage{unicode-math}
\setmathfont{Cambria Math}
\begin{document}
\[\mathfrak{\text{LATINtext}}\]
\[\mathfrak{\text{latintext}}\]
\[\mathfrak{\text{LATINmath}}\]
\[\mathfrak{\text{latinmath}}\]
\end{document}
```

აბცდეფგჩჟჲრლმნიღპვრსტუბვხვჳ
აბცდეფგჩჟჲრლმნიღპვრსტუბვხვჳ

2.48 Test X010d

```
\input{umtest-preamble}
\usepackage{unicode-math}
\setmathfont{Cambria Math}
\begin{document}
\[ \text{\textLATInmathfrak} ]
\[ \text{\textlatinmathfrak} ]
\[ \text{\textreservedmathfrak} ]
\end{document}
```

ΑΒΓΔΕΖΓΗΙΚΛΜΝΟΠΩΡΣΤΥΦΧΨΩ

αβγδεζηθικλμνξοπωρςτυφχψω

2.49 Test X011a

```
\input{umtest-preamble}
\usepackage{unicode-math}
\setmathfont{Cambria Math}
\begin{document}
\[ \text{\mathup{\textLATINtext}} ]
\[ \text{\mathup{\textlatintext}} ]
\[ \text{\mathup{\textLATINmath}} ]
\[ \text{\mathup{\textlatinmath}} ]
\end{document}
```

ΑΒΓΔΕΖΓΗΙΚΛΜΝΟΠΩΡΣΤΥΦΧΨΩ

αβγδεζηθικλμνξοπωρςτυφχψω

ΑΒΓΔΕΖΓΗΙΚΛΜΝΟΠΩΡΣΤΥΦΧΨΩ

αβγδεζηθικλμνξοπωρςτυφχψω

2.50 Test X011b

```
\input{umtest-preamble}
\usepackage{unicode-math}
\setmathfont{Cambria Math}
\begin{document}
\[ \text{\mathup{\textGREEKtext}} ]
\[ \text{\mathup{\textgreektext}} ]
\[ \text{\mathup{\textGREEKmath}} ]
\[ \text{\mathup{\textgreekmath}} ]
\end{document}
```

ΑΒΓΔΕΖΗΘΙΚΛΜΝΟΠΩΡΣΤΥΦΧΨΩ

αβγδεζηθικλμνξοπωρςτυφχψω

ΑΒΓΔΕΖΗΘΙΚΛΜΝΟΠΩΡΣΤΥΦΧΨΩ

αβγδεζηθικλμνξοπωρςτυφχψω

2.51 Test X012a

```
\input{umtest-preamble}
\usepackage{unicode-math}
\setmathfont{Cambria Math}
\begin{document}
\[\mathit{\text{LATINtext}}\]
\[\mathit{\text{latintext}}\]
\[\mathit{\text{LATINmath}}\]
\[\mathit{\text{latinmath}}\]
\end{document}
```

ABCDEFGHIJKLMNOPQRSTUVWXYZ
abcdefghijklmnopqrstuvwxyz
ABCDEFGHIJKLMNOPQRSTUVWXYZ
abcdefghijklmnopqrstuvwxyz

2.52 Test X012b

```
\input{umtest-preamble}
\usepackage{unicode-math}
\setmathfont{Cambria Math}
\begin{document}
\[\mathit{\text{GREEKtext}}\]
\[\mathit{\text{greektext}}\]
\[\mathit{\text{GREEKmath}}\]
\[\mathit{\text{greekmath}}\]
\end{document}
```

ΑΒΓΔΕΖΗΘΙΚΑΜΝΞΟΠΡΣΤΥΦΧΨΩ
αβγδεεζηθικλμνξοπωρρςτυφχψω
ΑΒΓΔΕΖΗΘΙΚΑΜΝΞΟΠΡΣΤΥΦΧΨΩ
αβγδεεζηθικλμνξοπωρρςτυφχψω

2.53 Test X013a

```
\input{umtest-preamble}
\usepackage{unicode-math}
\setmathfont{Cambria Math}
\begin{document}
\[\mathit{\text{LATINtext}}\]
\[\mathit{\text{latintext}}\]
\[\mathit{\text{LATINmath}}\]
\[\mathit{\text{latinmath}}\]
\end{document}
```

ABCDEFGHIJKLMNOPQRSTUVWXYZ
abcdefghijklmnopqrstuvwxyz
ABCDEFGHIJKLMNOPQRSTUVWXYZ
abcdefghijklmnopqrstuvwxyz

2.54 Test X013b

```
\input{umtest-preamble}
\usepackage{unicode-math}
\setmathfont{Cambria Math}
\begin{document}
\[ \mathbb{0123456789} ]
\[ \mathbb{numbers} ]
\end{document}
```

0123456789

0123456789

2.55 Test X013c

```
\input{umtest-preamble}
\usepackage{unicode-math}
\setmathfont{Cambria Math}
\begin{document}
[ \mathbb{LATIN} ]
[ \mathbb{latin} ]
[ \mathbb{reserved} ]
\end{document}
```

A B C D E F G H I J K L M N O P Q R S T U V W X Y Z

a b c d e f g h i j k l m n o p q r s t u v w x y z

2.56 Test X013d

```
\input{umtest-preamble}
\usepackage{unicode-math}
\setmathfont{STIXGeneral}
\begin{document}
[ \mathbb{\pi\Pi\Gamma} \quad \mathbb{\sum\Bbbsum_0^1} ]
[ \mathbb{\sum_0^1} ]
[ \mathbb{\sum_0^1} ]
[ \mathbb{\sum_0^1} ]
\end{document}
```

$\pi\Pi\Gamma \quad \sum\Bbbsum_0^1$

\sum_0^1

\sum_0^1

\sum_0^1

2.57 Test X013e

```
\input{umtest-preamble}
\usepackage{unicode-math}
\setmathfont{Cambria Math}
\begin{document}
\[ \mathbb{Ddeij} \] \quad \mathbb{Ddeij}
\end{document}
```

Ddeij *Ddeij*

2.58 Test X014a

```
\input{umtest-preamble}
\usepackage{unicode-math}
\setmathfont{Cambria Math}
\begin{document}
\[ \mathsf{LATINtext} \]
\[ \mathsf{LATINtext} \]
\[ \mathsf{LATINmath} \]
\[ \mathsf{latinmath} \]
\end{document}
```

ABCDEFGHIJKLMNOPQRSTUVWXYZ
abcdefghijklmnopqrstuvwxyz
ABCDEFGHIJKLMNOPQRSTUVWXYZ
abcdefghijklmnopqrstuvwxyz

2.59 Test X014b

```
\input{umtest-preamble}
\usepackage{unicode-math}
\setmathfont{Cambria Math}
\begin{document}
\[ \mathsf{0123456789} \]
\[ \mathsf{0123456789} \]
\end{document}
```

0123456789
0123456789

2.60 Test X014c

```
\input{umtest-preamble}
\usepackage{unicode-math}
\setmathfont{Cambria Math}
\begin{document}
[\"LATINmathsfup\]
[\"latinmathsfup\]
\end{document}
```

A B C D E F G H I J K L M N O P Q R S T U V W X Y Z

a b c d e f g h i j k l m n o p q r s t u v w x y z

2.61 Test X015a

```
\input{umtest-preamble}
\usepackage{unicode-math}
\setmathfont{Cambria Math}
\begin{document}
\mathsf{\text{\LARGE LATINtext}}
\mathsf{\text{\LARGE latintext}}
\mathsf{\text{\LARGE \text{\LARGE LATINmath}}}
\mathsf{\text{\LARGE \text{\LARGE latinmath}}}
\mathsf{\text{\LARGE \text{\LARGE 0123456789}}}
\end{document}
```

A B C D E F G H I J K L M N O P Q R S T U V W X Y Z

a b c d e f g h i j k l m n o p q r s t u v w x y z

A B C D E F G H I J K L M N O P Q R S T U V W X Y Z

a b c d e f g h i j k l m n o p q r s t u v w x y z

0123456789

2.62 Test X015b

```
\input{umtest-preamble}
\usepackage{unicode-math}
\setmathfont{Cambria Math}
\begin{document}
[\"LATINmathsfit\]
[\"latinmathsfit\]
\end{document}
```

A B C D E F G H I J K L M N O P Q R S T U V W X Y Z

a b c d e f g h i j k l m n o p q r s t u v w x y z

2.63 Test X016a

```
\input{umtest-preamble}
\usepackage{unicode-math}
\setmathfont{Asana-Math.otf}
\begin{document}
\[ \mathtt{\text{LATINtext}} \]
\[ \mathtt{\text{latintext}} \]
\[ \mathtt{\text{LATINmath}} \]
\[ \mathtt{\text{latinmath}} \]
\end{document}
```

ABCDEFGHIJKLMNOPQRSTUVWXYZ
abcdefghijklmnopqrstuvwxyz
ABCDEFGHIJKLMNOPQRSTUVWXYZ
abcdefghijklmnopqrstuvwxyz

2.64 Test X016b

```
\input{umtest-preamble}
\usepackage{unicode-math}
\setmathfont{Asana-Math.otf}
\begin{document}
\[ \mathtt{0123456789} \]
\[ \mathtt{\text{numbersmath}} \]
\end{document}
```

0123456789
0123456789

2.65 Test X016c

```
\input{umtest-preamble}
\usepackage{unicode-math}
\setmathfont{Asana-Math.otf}
\begin{document}
\[ \mathtt{\text{LATINmath}} \]
\[ \mathtt{\text{latinmath}} \]
\end{document}
```

ABCDEFGHIJKLMNOPQRSTUVWXYZ
abcdefghijklmnopqrstuvwxyz

2.66 Test X017a

```
\input{umtest-preamble}
\usepackage{unicode-math}
\setmathfont{Cambria Math}
\begin{document}
\[ \mathbf{\mathfrak{LATINtext}} \]
\[ \mathbf{\mathfrak{latintext}} \]
\[ \mathbf{\mathfrak{LATINmath}} \]
\[ \mathbf{\mathfrak{latinmath}} \]
\end{document}
```

A B C D E F G H I J K L M N O P Q R S T U V W X Y Z
a b c d e f g h i j k l m n o p q r s t u v w x y z
A B C D E F G H I J K L M N O P Q R S T U V W X Y Z
a b c d e f g h i j k l m n o p q r s t u v w x y z

2.67 Test X017b

```
\input{umtest-preamble}
\usepackage{unicode-math}
\setmathfont{Cambria Math}
\begin{document}
\[\text{LATINmathbfscr}\]
\[\text{latinmathbfscr}\]
\end{document}
```

ABCDEFGHIJKLMNPQRSTUVWXYZ
abcdefghijklmnopqrstuvwxyz

2.68 Test X017c

```
\input{umtest-preamble}
\usepackage{unicode-math}
\setmathfont{Cambria Math}
\begin{document}
\[\mathbf{\frak{LATINtext}}\]
\[\mathbf{\frak{latintext}}\]
\[\mathbf{\frak{LATINmath}}\]
\[\mathbf{\frak{latinmath}}\]
\end{document}
```

ABCDEFGHIJKLMNOPQRSTUVWXYZ
abcdefghijklmnopqrstuvwxyz

2.69 Test X017d

```
\input{umtest-preamble}
\usepackage{unicode-math}
\setmathfont{Cambria Math}
\begin{document}
\[ \text{\textbf{LATINmathbf{frak}}} \]
\[ \text{\textbf{latinmathbf{frak}}} \]
\end{document}
```

ΑΒΓΔΕΖΦΦΗΙΚΛΜΝΞΟΠΡΣΤΥΦΧΨΩ

αβγδεζηθικλμνξοπρρστυφφχψω

2.70 Test X018a

```
\input{umtest-preamble}
\usepackage{unicode-math}
\setmathfont{Cambria Math}
\begin{document}
\[ \text{\textbf{mathbfup{LATINtext}}} \]
\[ \text{\textbf{mathbfup{latintext}}} \]
\[ \text{\textbf{mathbfup{LATINmath}}} \]
\[ \text{\textbf{mathbfup{latinmath}}} \]
\[ \text{\textbf{mathbfup{0123456789}}} \]
\end{document}
```

ΑΒΓΔΕΖΗΙΚΛΜΝΞΟΠΡΣΤΥΦΧΨΩ

αβγδεζηθικλμνξοπρρστυφφχψω

ΑΒΓΔΕΖΗΙΚΛΜΝΞΟΠΡΣΤΥΦΧΨΩ

αβγδεζηθικλμνξοπρρστυφφχψω

0123456789

2.71 Test X018b

```
\input{umtest-preamble}
\usepackage{unicode-math}
\setmathfont{Cambria Math}
\begin{document}
\[ \text{\textbf{mathbfup{GREEKtext}}} \]
\[ \text{\textbf{mathbfup{greektext}}} \]
\[ \text{\textbf{mathbfup{GREEKmath}}} \]
\[ \text{\textbf{mathbfup{greekmath}}} \]
\end{document}
```

ΑΒΓΔΕΖΗΘΙΚΛΜΝΞΟΠΡΣΤΥΦΧΨΩ

αβγδεεζηθικλμνξοπτρρστυφφχψω

ΑΒΓΔΕΖΗΘΙΚΛΜΝΞΟΠΡΣΤΥΦΧΨΩ

αβγδεεζηθικλμνξοπτρρστυφφχψω

2.72 Test X019a

```
\input{umtest-preamble}
\usepackage{unicode-math}
\setmathfont{Cambria Math}
\begin{document}
\[ \mathbf{fit}{\text{\texttt{LATINtext}}} \]
\[ \mathbf{fit}{\text{\texttt{latintext}}} \]
\[ \mathbf{fit}{\text{\texttt{LATINmath}}} \]
\[ \mathbf{fit}{\text{\texttt{latinmath}}} \]
\[ \mathbf{fit}{\text{\texttt{0123456789}}} \]
\end{document}
```

*A**B**C**D**E**F**G**H**I**J**K**L**M**N**O**P**Q**R**S**T**U**V**W**X**Y**Z*

*a**b**c**d**e**f**g**h**i**j**k**l**m**n**o**p**q**r**s**t**u**v**w**x**y**z*

*A**B**C**D**E**F**G**H**I**J**K**L**M**N**O**P**Q**R**S**T**U**V**W**X**Y**Z*

*a**b**c**d**e**f**g**h**i**j**k**l**m**n**o**p**q**r**s**t**u**v**w**x**y**z*

0123456789

2.73 Test X019b

```
\input{umtest-preamble}
\usepackage{unicode-math}
\setmathfont{Cambria Math}
\begin{document}
\[ \mathbf{fit}{\text{\texttt{GREEKtext}}} \]
\[ \mathbf{fit}{\text{\texttt{greektext}}} \]
\[ \mathbf{fit}{\text{\texttt{GREEKmath}}} \]
\[ \mathbf{fit}{\text{\texttt{greekmath}}} \]
\end{document}
```

*Α**Β**Γ**Δ**Ε**Ζ**Η**Θ**Θ**Ι**Κ**Λ**Μ**Ν**Ξ**Ο**Π**Ρ**Σ**Τ**Υ**Φ**Χ**Ψ**Ω*

*α**β**γ**δ**ε**ε**ζ**η**θ**θ**ι**κ**λ**μ**ν**ξ**ο**π**ω**ρ**ρ**σ**τ**υ**φ**φ**χ**ψ**ω*

*Α**Β**Γ**Δ**Ε**Ζ**Η**Θ**Θ**Ι**Κ**Λ**Μ**Ν**Ξ**Ο**Π**Ρ**Σ**Τ**Υ**Φ**Χ**Ψ**Ω*

*α**β**γ**δ**ε**ε**ζ**η**θ**θ**ι**κ**λ**μ**ν**ξ**ο**π**ω**ρ**ρ**σ**τ**υ**φ**φ**χ**ψ**ω*

2.74 Test X020a

```
\input{umtest-preamble}
\usepackage{unicode-math}
\setmathfont{Cambria Math}
\begin{document}
\[ \mathbf{fsfit}{\text{\texttt{LATINtext}}} \]
\[ \mathbf{fsfit}{\text{\texttt{latintext}}} \]
\[ \mathbf{fsfit}{\text{\texttt{LATINmath}}} \]
\[ \mathbf{fsfit}{\text{\texttt{latinmath}}} \]
\[ \mathbf{fsfit}{\text{\texttt{0123456789}}} \]
\end{document}
```

*A**B**C**D**E**F**G**H**I**J**K**L**M**N**O**P**Q**R**S**T**U**V**W**X**Y**Z*

*a**b**c**d**e**f**g**h**i**j**k**l**m**n**o**p**q**r**s**t**u**v**w**x**y**z*

*A**B**C**D**E**F**G**H**I**J**K**L**M**N**O**P**Q**R**S**T**U**V**W**X**Y**Z*

*a**b**c**d**e**f**g**h**i**j**k**l**m**n**o**p**q**r**s**t**u**v**w**x**y**z*

0123456789

2.75 Test X020b

```
\input{umtest-preamble}
\usepackage{unicode-math}
\setmathfont{STIXGeneral-Bold}
\begin{document}
\[\mathbf{\mathsf{up}}{\{\text{\texttt{GREEKtext}}}\}]
\[\mathbf{\mathsf{up}}{\{\text{\texttt{greektext}}}\}]
\[\mathbf{\mathsf{up}}{\{\text{\texttt{GREEKmath}}}\}]
\[\mathbf{\mathsf{up}}{\{\text{\texttt{greekmath}}}\}]
\end{document}
```

ΑΒΓΔΕΖΗΘΙΚΛΜΝΞΟΠΡΣΤΥΦΧΨΩ
αβγδεεζηθικλμνξοπωρεστυφχψω
ΑΒΓΔΕΖΗΘΙΚΛΜΝΞΟΠΡΣΤΥΦΧΨΩ
αβγδεεζηθικλμνξοπωρεστυφχψω

2.76 Test X021a

```
\input{umtest-preamble}
\usepackage{unicode-math}
\setmathfont{Cambria Math}
\begin{document}
\[\mathbf{\mathsf{fit}}{\{\text{\texttt{LATINtext}}}\}]
\[\mathbf{\mathsf{fit}}{\{\text{\texttt{latintext}}}\}]
\[\mathbf{\mathsf{fit}}{\{\text{\texttt{LATINmath}}}\}]
\[\mathbf{\mathsf{fit}}{\{\text{\texttt{latinmath}}}\}]
\[\mathbf{\mathsf{fit}}{\{0123456789\}}]
\end{document}
```

ABCDEFGHIJKLMNOPQRSTUVWXYZ
abcdefghijklmnopqrstuvwxyz
ABCDEFGHIJKLMNOPQRSTUVWXYZ
abcdefghijklmnopqrstuvwxyz
0123456789

2.77 Test X021b

```
\input{umtest-preamble}
\usepackage{unicode-math}
\setmathfont{STIXGeneral-BoldItalic}
\begin{document}
\[\mathbf{\mathsf{fit}}{\{\text{\texttt{GREEKtext}}}\}]
\[\mathbf{\mathsf{fit}}{\{\text{\texttt{greektext}}}\}]
\[\mathbf{\mathsf{fit}}{\{\text{\texttt{GREEKmath}}}\}]
\[\mathbf{\mathsf{fit}}{\{\text{\texttt{greekmath}}}\}]
\end{document}
```

ΑΒΓΔΕΖΗΘΙΚΛΜΝΞΟΠΡΣΤΥΦΧΨΩ
αβγδεεζηθικλμνξοπωρεστυφχψω
ΑΒΓΔΕΖΗΘΙΚΛΜΝΞΟΠΡΣΤΥΦΧΨΩ
αβγδεεζηθικλμνξοπωρεστυφχψω

2.78 Test X030a

```
\input{umtest-preamble}
\usepackage{unicode-math}
\setmathfont{FreeSerif}
\begin{document}
\[ \]
\[ \]
\[ \mathit{\alpha} \]
\[ \mathbf{\alpha} \]
\end{document}
```

F_F
F_F
F_F
F_F

2.79 Test X031a

```
\input{umtest-preamble}
\usepackage[nabla=upright] {unicode-math}
\setmathfont{Free Serif}
\begin{document}
\[ \quad \quad \quad \]
\[ \quad \quad \mathbf{\alpha} \quad \mathbf{\alpha} \quad \mathbf{\alpha} \]
\[ \quad \quad \mathit{\alpha} \quad \mathit{\alpha} \quad \mathit{\alpha} \]
\[ \quad \quad \mathbf{\alpha} \quad \mathbf{\alpha} \quad \mathbf{\alpha} \]
\[ \quad \quad \mathbf{\alpha} \quad \mathbf{\alpha} \quad \mathbf{\alpha} \]
\end{document}
```

vvv vvv vvv
vvv vvv vvv
vvv vv
vvv vv
vvv vv

2.80 Test X031b

```
\input{umtest-preamble}
\usepackage[nabla=italic] {unicode-math}
\setmathfont{Free Serif}
\begin{document}
\[ \quad \quad \quad \]
\[ \quad \quad \mathbf{\alpha} \quad \mathbf{\alpha} \quad \mathbf{\alpha} \]
\[ \quad \quad \mathit{\alpha} \quad \mathit{\alpha} \quad \mathit{\alpha} \]
\[ \quad \quad \mathbf{\alpha} \quad \mathbf{\alpha} \quad \mathbf{\alpha} \]
\[ \quad \quad \mathbf{\alpha} \quad \mathbf{\alpha} \quad \mathbf{\alpha} \]
\end{document}
```

vvv vvv vvv
vvv vvv vvv
vvv vv
vvv vv
vvv vv

2.81 Test X031c

```
\input{umtest-preamble}
\usepackage[nabla=literal]{unicode-math}
\setmathfont{Free Serif}
\begin{document}
\[ \quad \quad \quad \]
\[ \quad \mathbf{\quad} \quad \mathbf{\quad} \]
\[ \mathsf{\quad} \quad \mathit{\quad} \]
\[ \mathbf{\quad} \quad \mathbf{\mathit{\quad}} \]
\[ \mathbf{\mathsf{\quad}} \quad \mathbf{\mathsf{\mathit{\quad}}} \]
\end{document}
```

▽▽ ▽▽ ▽▽
▽▽ ▽▽ ▽▽
▽▽ ▽▽
▽▽ ▽▽
▽▽ ▽▽

2.82 Test X032a

```
\input{umtest-preamble}
\usepackage[partial=upright]{unicode-math}
\setmathfont{Code2001}
\begin{document}
[\partial \quad \partial \quad \partial]
[\partial \quad \mathbf{\partial} \quad \mathbf{\partial}]
[\mathsf{\partial} \quad \mathit{\partial} \quad \mathit{\partial}]
[\mathbf{\partial} \quad \mathbf{\mathit{\partial}} \quad \mathbf{\mathit{\partial}}]
[\mathbf{\mathsf{\partial}} \quad \mathbf{\mathsf{\mathit{\partial}}} \quad \mathbf{\mathsf{\mathit{\partial}}}]
\end{document}
```

∂ ∂ ∂
∂ ∂ ∂
∂ ∂
∂ ∂
∂ ∂

2.83 Test X032b

```
\input{umtest-preamble}
\usepackage[partial=italic]{unicode-math}
\setmathfont{Code2001}
\begin{document}
[\partial \quad \partial \quad \partial]
[\partial \quad \mathbf{\partial} \quad \mathbf{\partial}]
[\mathsf{\partial} \quad \mathit{\partial} \quad \mathit{\partial}]
[\mathbf{\partial} \quad \mathbf{\mathit{\partial}} \quad \mathbf{\mathit{\partial}}]
[\mathbf{\mathsf{\partial}} \quad \mathbf{\mathsf{\mathit{\partial}}} \quad \mathbf{\mathsf{\mathit{\partial}}}]
\end{document}
```

∂ ∂ ∂
∂ ∂ ∂
∂ ∂
∂ ∂
∂ ∂

2.84 Test X032c

```
\input{umtest-preamble}
\usepackage[partial=literal]{unicode-math}
\setmathfont{Code2001}
\begin{document}
\[ \quad \quad \quad ]
\[ \quad \mathbf{\mathit{d}} \quad \mathbf{\mathit{d}} \quad \mathbf{\mathit{d}} ]
\[ \mathbf{\mathit{d}} \quad \mathbf{\mathit{d}} \quad \mathbf{\mathit{d}} ]
\[ \mathbf{\mathit{d}} \quad \mathbf{\mathit{d}} \quad \mathbf{\mathit{d}} ]
\[ \mathbf{\mathit{d}} \quad \mathbf{\mathit{d}} \quad \mathbf{\mathit{d}} ]
\end{document}
```

dd dd dd
dd dd dd
dd dd
dd dd
dd dd

2.85 Test X033a

```
\input{umtest-preamble}
\usepackage{unicode-math}
\begin{document}
\setmathfont[math-style=TeX]{Free Serif}
\[ \quad \quad \quad ]
\[ \mathbf{\mathit{d}} \quad \mathbf{\mathit{d}} \quad \mathbf{\mathit{d}} ]
\[ \mathbf{\mathit{d}} \quad \mathbf{\mathit{d}} \quad \mathbf{\mathit{d}} ]
\setmathfont[math-style=upright]{Free Serif}
\[ \quad \quad \quad ]
\[ \mathbf{\mathit{d}} \quad \mathbf{\mathit{d}} \quad \mathbf{\mathit{d}} ]
\[ \mathbf{\mathit{d}} \quad \mathbf{\mathit{d}} \quad \mathbf{\mathit{d}} ]
\end{document}
```

ij ij
ij ij
ij ij
ij ij
ij ij
ij ij

2.86 Test X100a

```
\input{umtest-preamble}
\usepackage{unicode-math}
\setmathfont{Cambria Math}
\begin{document}
\[ \left( \left( \left( \left( \left( x^2 \right)^2 \right)^2 \right)^2 \right)^2 \right)
\end{document}
```

$$\left(\left(\left(\left(\left(x^2 \right)^2 \right)^2 \right)^2 \right)^2 \right)$$

2.87 Test X100b

```
\input{umtest-preamble}
\usepackage{unicode-math}
\setmathfont{Cambria Math}
\begin{document}
\left[ \left[ \left[ \left[ \left[ x^2
    \right]^2 \right]^2 \right]^2 \right]^2 \right]^2 \right] \]
\end{document}
```

$$\left[\left[\left[\left[[x^2]^2 \right]^2 \right]^2 \right]^2 \right]$$

2.88 Test X100c

```
\input{umtest-preamble}
\usepackage{unicode-math}
\setmathfont{Cambria Math}
\begin{document}
[ \left\{ \left\{ \left\{ \left\{ x^2 \right\}^2 \right\}^2 \right\}^2
\right]^2
\end{document}
```

$$\left\{ \left\{ \left\{ \left\{ \left\{ x^2 \right\}^2 \right\}^2 \right\}^2 \right\}^2 \right\}$$

2.89 Test X100d

$$\left| \left| \left| \left| x^2 \right|^2 \right|^2 \right|^2$$

2.90 Test X100e

```

\input{umtest-preamble}
\usepackage{unicode-math}
\setmathfont{Cambria Math}
\begin{document}
[ \left\lfloor \left\lfloor \left\lfloor \left\lfloor \left\lfloor \left\lfloor
\right\rfloor ^2 \right\rfloor ^2 \right\rfloor ^2 \right\rfloor ^2 \right\rfloor ^2
[ \left\lfloor \left\lfloor \left\lfloor \left\lfloor \left\lfloor \left\lfloor
\right\rfloor ^2 \right\rfloor ^2 \right\rfloor ^2 \right\rfloor ^2 \right\rfloor ^2
\end{document}

```

$$\left\| \left\| x^2 \right\|^2 \right\|^2$$

ght? \]
Left Vert x^2

$\left| \begin{array}{c} \text{right} \\ \text{Vert} \end{array} \right|^2$

2.91 Test X101a

```
\input{umtest-preamble}
\usepackage{unicode-math}
\setmathfont{Cambria Math}
\begin{document}
[ a>b \quad c<d ]
[ \left< \left< \left< \left< x \right>^2
    \right>^2 \right>^2 \right>^2 ]
\end{document}
```

$$a > b \quad c < d$$

$$\left\langle \left(\langle x \rangle^2 \right)^2 \right\rangle$$

2.92 Test X102a

```

\input{umtest-preamble}
\usepackage[slash-delimiter=frac]{unicode-math}
\setmathfont{Cambria Math}
\begin{document}
[ \left.\left[\begin{array}{cc}
a & b \\ c & d
\end{array}\right]\right]
\middle/
\left[\begin{array}{cc}
1 & 1 \\ 1 & 0
\end{array}\right]\right].
\]
\end{document}

```

$$\left[\begin{array}{cc} a & b \\ c & d \end{array} \right] \Bigg/ \left[\begin{array}{cc} 1 & 1 \\ 1 & 0 \end{array} \right]$$

2.93 Test X102b

$$\left[\begin{array}{cc} a & b \\ c & d \end{array} \right] \Bigg/ \left[\begin{array}{cc} 1 & 1 \\ 1 & 0 \end{array} \right]$$

2.94 Test X150a

```
\input{umtest-preamble}
\usepackage{amsmath,unicode-math}
\setmathfont{Cambria Math}
\begin{document}
\centerline{$\int\quad\idotsint$}
\[\int\quad\idotsint\]
\end{document}
```

$\int \quad \int \cdots \int$

2.95 Test X151a

```
\input{umtest-preamble}
\usepackage{unicode-math}
\setmathfont{Cambria Math}
\begin{document}
[ \hat i \qquad \hat x \qquad \hat M \qquad \widehat{x+y} ]
[ \widehat i \qquad \widehat x \qquad \widehat M \qquad \widehat{\widehat{x+y}} ]
[ \tilde i \qquad \tilde x \qquad \tilde M \qquad \widetilde{x+y} ]
[ \widetilde i \qquad \widetilde x \qquad \widetilde M \qquad \widetilde{\widetilde{x+y}} ]
\end{document}
```

2.96 Test X200a

```
\input{umtest-preamble}
\usepackage{amsmath,unicode-math}
\setmathfont{Cambria Math}
\begin{document}
[{$x\prime\prime\prime$}]
[{$x\prime\prime\prime\prime\prime$}]
[{$x'$}]
[{$x''$}]
[{$x'''$}]
[{$x\ddot{\prime}$}]
[{$x\ddot{\prime}\prime$}]
[{$x\ddot{\prime}\prime\prime$}]

```

[{\$x''''\$}] [{\$x''''''\$}] [{\$x'\$}] [{\$x'''\$}] [{\$x''''\$}] [{\$x'\prime\$}] [{\$x'''\$}]
[{\$x''''''\$}] [{\$x''''''\$}] [{\$x''\$}] [{\$x''\$}]

2.97 Test X200b

```
\input{umtest-preamble}
\usepackage{amsmath,unicode-math}
\setmathfont{Asana Math}
\begin{document}
[{$x\backprime\backprime\backprime$}]
[{$x\backprime\backprime\backprime\backprime\backprime$}]
[{$x`$}]
[{$x``$}]
[{$x````$}]
[{$x\ddot{\backprime}$}]
[{$x\ddot{\backprime}\prime$}]
[{$x\ddot{\backprime}\prime\prime$}]

```

[{\$x''\$}] [{\$x''''\$}] [{\$x'\$}] [{\$x'''\$}] [{\$x''''\$}] [{\$x'\prime\$}] [{\$x'''\$}] [{\$x''''\$}]
[{\$x''''\$}] [{\$x''''\$}] [{\$x''\$}] [{\$x''\$}]

2.98 Test X201a

```
\input{umtest-preamble}
\usepackage{unicode-math}
\setmathfont{Cambria Math}
\begin{document}
\sqrt{\sin^2 x + \cos^2 x} = 1
\sqrt{1 + \sqrt{1 + \sqrt{1 + \sqrt{1 + x}}}}
\end{document}
```

$$\sqrt{\sin^2 x + \cos^2 x} = 1$$

$$\sqrt{1 + \sqrt{1 + \sqrt{1 + \sqrt{1 + x}}}}$$

2.99 Test X201b

```
\input{umtest-preamble}
\usepackage{unicode-math}
\setmathfont{Cambria Math}
\begin{document}
\[ \sqrt[n]{1 + \sqrt[n]{1 + \sqrt[n]{1 + \sqrt[n]{1 + \sqrt[n]{1+x}}}}} \]
\end{document}
```

$$\sqrt[n]{1 + \sqrt[n]{1 + \sqrt[n]{1 + \sqrt[n]{1 + \sqrt[n]{1+x}}}}}$$

2.100 Test X202a

```
\input{umtest-preamble}
\usepackage{unicode-math}
\setmathfont{Cambria Math}
\begin{document}
\[ a\colon b \quad a : b \quad a : b
\end{document}
```

$a:b$ $a : b$ $a : b$

2.101 Test X202b

```
\input{umtest-preamble}
\usepackage[colon=literal]{unicode-math}
\setmathfont{Cambria Math}
\begin{document}
\[ a\colon b \quad a : b \quad a : b
\end{document}
```

$a:b$ $a : b$ $a : b$

2.102 Test X203a

```
\input{umtest-preamble}
\usepackage{unicode-math}
\setmathfont{Cambria Math}
\begin{document}
\[a-b\]
\[a\minus b\]
\end{document}
```

$$a - b$$

$$a - b$$

2.103 Test X204a

$x_{012} x_{123} x_{234} x_{345} x_{456} x_{567} x_{678} x_{789} x_{89+}$
 $x_{9+-} x_{+-} (x_{-(-} x_{(=}) x_{(=)a} x_{ae} x_{aeo} x_{eox} x_{ox0} x_{x01}$
 $x_{789}^{0(i+)n^2} x_{89+}^{i+} n^2 x^{n^2} x^{2i+} n$
 $x_{\square \square \square \square}^{2i+} n \$ x_{\square \square 0} \$ \$ x_{\square 0 1} \$$

2.104 Test X205a

```
\input{umtest-preamble}
\usepackage{unicode-math}
\setmathfont{Cambria Math}
\begin{document}
\[\iiint_V]
\removenolimits\iiint
\[\iiint_V]
\addnolimits\iiint
\[\iiint_V]
\end{document}
```

$$\iiint_V$$

2.105 Test X206a

```
\input{umtest-preamble}
\usepackage{unicode-math}
\setmathfont{Cambria Math}
\begin{document}
\[A+B+\dots+Z\]
\[(A+B+\dots)\]
\[(A+B+\cdots)\]
\end{document}
```

$$A + B + \dots + Z$$
$$(A + B + \dots)$$
$$(A + B + \cdots)$$

2.106 Test X206b

```
\input{umtest-preamble}
\usepackage{amsmath}
\usepackage{unicode-math}
\setmathfont{Cambria Math}
\begin{document}
\[A+B+\dots+Z\]
\[(A+B+\dots)\]
\[(A+B+\cdots)\]
\end{document}
```

$$A + B + \cdots + Z$$
$$(A + B + \dots)$$
$$(A + B + \cdots)$$

2.107 Test X206c

```
\input{umtest-preamble}
\usepackage{amsmath}
\usepackage{unicode-math}
\setmathfont{Cambria Math}
\begin{document}
\[ a\percent b \% c \]
\[ a\mathdollar b \$ c \]
\[ a\ampersand b \& c \]
\[ a\octothorpe b \# c \]
\end{document}
```

*a%b%c
a\$b\$c
a&b&c
a#b#c*

2.108 Test X207a

```
\input{umtest-preamble}
\usepackage{amsmath}
\usepackage{unicode-math}
\setmathfont{Cambria Math}
\begin{document}
\unimathsetup{active-frac=normalsize}
\[ \frac{1}{4} \frac{1}{2} \frac{3}{2} \frac{1}{4} \frac{1}{3} \frac{2}{3} \frac{1}{5} \frac{1}{3} \frac{5}{6} \frac{7}{8} \]
\unimathsetup{active-frac=small}
\[ \frac{1}{4} \frac{1}{2} \frac{3}{2} \frac{1}{4} \frac{1}{3} \frac{2}{3} \frac{1}{5} \frac{1}{3} \frac{5}{6} \frac{7}{8} \]
\end{document}
```

1 1 3 1 1 1 1 2 1 2 3 4 1 5 1 3 5 7
4 2 4 7 9 10 3 3 5 5 5 6 6 8 8 8 8

1 1 3 1 1 1 1 2 2 1 2 3 4 1 5 1 3 5 7
4 2 4 7 9 10 3 3 5 5 5 6 6 8 8 8 8

2.109 Test X300a

```
\input{umtest-preamble}
\usepackage{unicode-math}
\setmathfont[script-font      = {Asana Math},
            script-features = {ScriptStyle,Colour=FF0000},
            sscript-font    = {Cambria Math},
            sscript-features= {ScriptScriptStyle,Colour=0000FF}]
            {Cambria Math}

\begin{document}
\[123456789^{123456789^{123456789}}\]
\end{document}
```

123456789^{123456789¹²³⁴⁵⁶⁷⁸⁹}

2.110 Test X400a

```
\input{umtest-preamble}
\usepackage[trace=on]{unicode-math}
\setmainfont{TeX Gyre Pagella}
\setsansfont{TeX Gyre Adventor}
\setmonofont{TeX Gyre Cursor}
\setmathfont{Cambria Math}
\usepackage{url}
\begin{document}
\centering\obeylines
\url{http://www.lmgtfy.com/}
\url{?q=~!@#$%^&*()<>`'}
\urlstyle{rm}
\url{http://www.lmgtfy.com/}
\url{?q=~!@#$%^&*()<>`'}
\urlstyle{sf}
\url{http://www.lmgtfy.com/}
\url{?q=~!@#$%^&*()<>`'}
\end{document}
```

http://www.lmgtfy.com/
?q=~!@#\$%^&*()<>`'
http://www.lmgtfy.com/
?q=~!@#\$%^&*()<>`'
http://www.lmgtfy.com/
?q=~!@#\$%^&*()<>`'

2.111 Test X401a

```
\input{umtest-preamble}
\usepackage{unicode-math}
\begin{document}

\[ x=1.23 \quad x=1,23\]

\setmathfont{Cambria Math}

\[ x=1.23 \quad x=1,23\]

\end{document}
```

$$x = 1.23 \quad x = 1,23$$

$x = 1.23$ $x = 1,23$

2.112 Test X500a

```
\input{umtest-preamble}
\usepackage{unicode-math}
\setmathfont[Colour=000000]{Cambria Math}
\setmathfont[range={\mathop}, Colour=FF0000]{Cambria Math}
\setmathfont[range={"3D}, Colour=009900]{Cambria Math}  $F(s) = \mathcal{L}\{f(t)\} = \int_0^{\infty} e^{-st} f(t) dt$ 
\setmathfont[range={\mathopen, \mathclose}, Colour=0000FF]{Cambria Math}
\setlength\parskip{12pt}
\begin{document}
[[
  F(s)=\mathscr{L}\left\{f(t)\right\}=\\
  \int_0^{\infty} e^{-st}f(t),\mathit{d}t
]
\end{document}
```

$$= \mathcal{L}\{f(t)\} = \int_0^{\infty} e^{-st} f(t) dt$$

2.113 Test X501a

```
\input{umtest-preamble}
\usepackage{unicode-math}
\setmathfont[Colour=000000]
\setmathfont[range=\mathsf]
\setmathfont[range=\mathit]
\begin{document}
\[\latintext\]
\[\mathscr{\latintext}\]
\[\mathfrak{\latintext}\]
\[\text{\textsf{\textit{\text{LATIN}}}}\]
\[\mathscr{\text{\textsf{\textit{\text{LATIN}}}}}\]
\[\mathfrak{\text{\textsf{\textit{\text{LATIN}}}}}\]
\end{document}
```

a Math} *abcdefghijklmnopqrstuvwxyz*
a Math} *abcdefghijklmnopqrstuvwxyz*
a *abcdefghijklmnopqrstuvwxyz*
a *abcdefghijklmnopqrstuvwxyz*
a *abcdefghijklmnopqrstuvwxyz*

2.114 Test X501b

```
\input{umtest-preamble}
\usepackage{unicode-math}
\setmathfont[Colour=000000]{Cambria Math}
\setmathfont[range=\mathscr, Colour=FF0000]{TeX Gyre Chorus}
\begin{document}
\[\latintext\]
\[\mathscr{\latintext}\]
\[\LATINmath\]
\[\mathscr{\LATINmath}\]
\end{document}
```

abcdefghijklmnopqrstuvwxyz
uvwxyz
 ABCDEFGHIJKLMNOPQRSTUVWXYZ
uvwxyz

2.115 Test X501d

```
\input{umtest-preamble}
\usepackage{unicode-math}
\setmathfont[Colour=330000]{Cambria Math}
\setmathfont[range=\mathit/{latin}, Colour=660000]{Cambria Math}
\setmathfont[range=\mathit/{Greek}, Colour=990000]{Cambria Math}
\setmathfont[range=\mathit/{greek}, Colour=BB0000]{Cambria Math}
\setmathfont[range=\mathup/{num}, Colour=EE0000]{Cambria Math}
\begin{document}
\[\mathit{\LATINtext}\]
\[\mathit{\latintext}\]
\[\mathit{\GREEKtext}\]
\[\mathit{\greektext}\]
\[0123456789\]
\end{document}
```

ABCDEFGHIJKLMNOPQRSTUVWXYZ
uvwxyz
uvwxyz
 ΑΒΓΔΕΖΗΘΙΚΑΛΜΝΞΟΠΡΣΤΥΦΧΨΩ
αβγδεεζηθθικλμνξοπωρρεστυφφχψω
 0123456789

2.116 Test X501e

```
\input{umtest-preamble}
\usepackage{unicode-math}
\setmathfont[
    range={
        \mathit/{latin}->\mathbfup ,
        \mathit/{Latin}->\mathsfup
    }
]{Cambria Math}
\setmathfont[
    range={
        \mathup/{Greek}->\mathbfup ,
        \mathit/{greek}->\mathbfit
    },
    Colour=990000
]{Cambria Math}
\begin{document}
\vspace*{-1cm}
\[\LATINtext\]
\[\latintext\]
\[\mathit{\LATINtext}\]
\[\mathit{\latintext}\]
\[\{\GREEKtext\}]
\[\{\greektext\}]
\[\mathup{\GREEKtext}\]
\[\mathit{\greektext}\]
\end{document}
```

ABCDEFGHIJKLMNOPQRSTUVWXYZ
 abcdefghijklmnopqrstuvwxyz
 ABCDEFGHIJKLMNOPQRSTUVWXYZ
 abcdefghijklmnopqrstuvwxyz
ΑΒΓΔΕΖΗΘΙΚΑΛΜΝΞΟΠΡΣΤΥΦΧΨΩ
αβγδεεζηθθικλμνξοπωρρεστυφφχψω
ΑΒΓΔΕΖΗΘΙΚΑΛΜΝΞΟΠΡΣΤΥΦΧΨΩ
αβγδεεζηθθικλμνξοπωρρεστυφφχψω

2.117 Test X502a

```
\input{umtest-preamble}
\usepackage{unicode-math}
\setmathfont{STIXGeneral}
\setmathfont
  [range={\mathit,\mathsfit,\mathscr}]
  {STIXGeneral-Italic}
\setmathfont
  [range={\mathbfup,\mathbfrak,
    \mathbfup}]
  {STIXGeneral-Bold}
\setmathfont
  [range={\mathbfit,\mathbfssit,\mathbfscr}]
  {STIXGeneral-BoldItalic}
\begin{document}
\[\mathit{A}\mathup{A}
\mathsfup{A}\mathsfit{A}\]
\[\mathscr{A}\mathfrak{A}\mathbb{A}\]
\[\mathbfup{A}\mathbfit{A}
\mathbfup{A}\mathbfssit{A}\]
\[\mathbfscr{A}\mathbffrak{A}\]
\end{document}
```

AAAA
A2A
AAAA
A2

2.118 Test X502b

```
\input{umtest-preamble}
\usepackage{unicode-math}
\begin{document}
Default:
\[
(a+b)^2 = \sqrt{c+d}
\]
\setmathfont[range={\mathup}]{Linux Libertine}
\setmathfont[range={\mathit}]{Linux Libertine}
Example of a non-math OpenType font:
\[
(a+b)^2 = \sqrt{c+d}
\]
With symbols:
\setmathfont[range={`+,`=,`\(),`\)}]{Linux Libertine}
\[
(a+b)^2 = \sqrt{c+d}
\]
\end{document}
```

Default: $(a + b)^2 = \sqrt{c + d}$
Example of a non-math OpenType font:
Italic: $(a + b)^2 = \sqrt{c + d}$
With symbols:
 $(a + b)^2 = \sqrt{c + d}$

2.119 Test X503a

```
\input{umtest-preamble}
\usepackage{unicode-math}
\begin{document}
\setmathfont{XITS Math}
\[
  \mathscr{\LATINtext}
\]
\[
  \mathcal{\LATINtext}
\]
\setmathfont[range={\mathcal,\mathbfcal},StylisticSet=1]{XITS Math}
\[
  \mathscr{\LATINtext}
\]
\[
  \mathcal{\LATINtext}
\]
\footnotesize
\[
  \mathbfcal{\LATINtext}
\]
\end{document}
```

A B C D E F G H I J K L M N O P Q R S T U V W X Y Z
A B C D E F G H I J K L M N O P Q R S T U V W X Y Z
A B C D E F G H I J K L M N O P Q R S T U V W X Y Z
A B C D E F G H I J K L M N O P Q R S T U V W X Y Z

3 Lua^{AT}E test files

3.1 Test L001a

```
\input{umtest-preamble}
\usepackage[math-style=TeX]{unicode-math}
\setmathfont{Cambria Math}
\begin{document}
\[\LATINtext\]
\[\latintext\]
\[\LATINmath\]
\[\latinmath\]
\end{document}
```

A B C D E F G H I J K L M N O P Q R S T U V W X Y Z
a b c d e f g h i j k l m n o p q r s t u v w x y z
A B C D E F G H I J K L M N O P Q R S T U V W X Y Z
a b c d e f g h i j k l m n o p q r s t u v w x y z

3.2 Test L001b

```
\input{umtest-preamble}
\usepackage[math-style=ISO]{unicode-math}
\setmathfont{Cambria Math}
\begin{document}
\[\LATINtext\]
\[\latintext\]
\[\LATINmath\]
\[\latinmath\]
\end{document}
```

A B C D E F G H I J K L M N O P Q R S T U V W X Y Z
a b c d e f g h i j k l m n o p q r s t u v w x y z
A B C D E F G H I J K L M N O P Q R S T U V W X Y Z
a b c d e f g h i j k l m n o p q r s t u v w x y z

3.3 Test L001c

```
\input{umtest-preamble}
\usepackage[math-style=literal]{unicode-math}
\setmathfont{Cambria Math}
\begin{document}
[\LATINtext]
[\latintext]
[\LATINmath]
[\latinmath]
\end{document}
```

ABCDEFGHIJKLMNOPQRSTUVWXYZ
abcdefghijklmnopqrstuvwxyz
ABCDEFGHIJKLMNOPQRSTUVWXYZ
abcdefghijklmnopqrstuvwxyz

3.4 Test L001d

```
\input{umtest-preamble}
\usepackage[math-style=french]{unicode-math}
\setmathfont{Cambria Math}
\begin{document}
[\LATINtext]
[\latintext]
[\LATINmath]
[\latinmath]
\end{document}
```

ABCDEFGHIJKLMNOPQRSTUVWXYZ
abcdefghijklmnopqrstuvwxyz
ABCDEFGHIJKLMNOPQRSTUVWXYZ
abcdefghijklmnopqrstuvwxyz

3.5 Test L001e

```
\input{umtest-preamble}
\usepackage[math-style=upright]{unicode-math}
\setmathfont{Cambria Math}
\begin{document}
[\LATINtext]
[\latintext]
[\LATINmath]
[\latinmath]
\end{document}
```

ABCDEFGHIJKLMNOPQRSTUVWXYZ
abcdefghijklmnopqrstuvwxyz
ABCDEFGHIJKLMNOPQRSTUVWXYZ
abcdefghijklmnopqrstuvwxyz

