

MnSymbol – A Math Symbol Font

Achim Blumensath*

2007/01/21

MnSymbol is a font of mathematical symbols designed as companion to Adobe MinionPro, but it might also fit well to other renaissance or baroque faces. To use this font in a \LaTeX document you can issue the command

```
\usepackage{MnSymbol}
```

Interference with other packages. The MnSymbol package is incompatible with the amssymb and amsfonts packages. It automatically loads the amsmath and textcomp packages. If you want to pass options to these packages you can either put the corresponding `\usepackage` command before the `\usepackage{MnSymbol}` or you can include the options in the `\documentclass` command.

Options. The MnSymbol package supports the following options:

mnsy (default) selects MnSymbolS as calligraphic font.

cmsy selects the Computer Modern calligraphic font.

abx selects the experimental calligraphic font from the mathabx fonts. You need to have this font installed in order to use this option. mathabx contains also calligraphic lowercase letters, but the font is not quite finished yet.





































































































retainmissing Normally MnSymbol takes some of the missing symbols from the text font and it sets the remaining ones to `\undefined`. If you want to retain the old definitions of these symbols then you can use the option `retainmissing`.


























































































Symbols. The MnSymbol package provides the following symbols.

Arrows

\rightarrow	<code>\rightarrow, \to</code>	\searrow	<code>\searrow</code>
\uparrow	<code>\uparrow</code>	\Rightarrow	<code>\Rightarrow</code>
\leftarrow	<code>\leftarrow, \gets</code>	\Uparrow	<code>\Uparrow</code>
\downarrow	<code>\downarrow</code>	\Leftarrow	<code>\Leftarrow</code>
\nearrow	<code>\nearrow</code>	\Downarrow	<code>\Downarrow</code>
\nwarrow	<code>\nwarrow</code>	\nearrow	<code>\Nearrow</code>
\swarrow	<code>\swarrow</code>	\nwarrow	<code>\Nwarrow</code>

* I'd like to thank Michael Zedler for his numerous suggestions.

	<code>\Swarrow</code>		<code>\rhookswarrow</code>
	<code>\Searrow</code>		<code>\rhooksearrow</code>
	<code>\leftrightarrow</code>		<code>\rightharpoonccw,</code>
	<code>\updownarrow</code>		<code>\rightharpoonup</code>
	<code>\neswarrow</code>		<code>\upharpoonccw, \upharpoonleft</code>
	<code>\nwsearrow</code>		<code>\leftharpoonccw,</code>
	<code>\Leftrightarrow</code>		<code>\leftharpoondown</code>
	<code>\Updownarrow</code>		<code>\downharpoonccw,</code>
	<code>\Neswarrow</code>		<code>\downharpoonright</code>
	<code>\Nwsearrow</code>		<code>\neharpoonccw</code>
	<code>\twoheadrightarrow</code>		<code>\nwharpoonccw</code>
	<code>\twoheaduparrow</code>		<code>\swharpoonccw</code>
	<code>\twoheadleftarrow</code>		<code>\seharpoonccw</code>
	<code>\twoheaddownarrow</code>		<code>\rightharpooncw,</code>
	<code>\twoheadnearrow</code>		<code>\rightharpoondown</code>
	<code>\twoheadnwarrow</code>		<code>\upharpooncw, \upharpoonright,</code>
	<code>\twoheadswarrow</code>		<code>\restriction</code>
	<code>\twoheadsearrow</code>		<code>\leftharpooncw, \leftharpoonup</code>
	<code>\rightarrowtail</code>		<code>\downharpooncw,</code>
	<code>\uparrowtail</code>		<code>\downharpoonleft</code>
	<code>\leftarrowtail</code>		<code>\neharpooncw</code>
	<code>\downarrowtail</code>		<code>\nwharpooncw</code>
	<code>\nearrowtail</code>		<code>\swharpooncw</code>
	<code>\nwarrowtail</code>		<code>\seharpooncw</code>
	<code>\swarrowtail</code>		<code>\leftrightharpoonupdown</code>
	<code>\searrowtail</code>		<code>\updownharpoonleftright</code>
	<code>\rightmapsto, \mapsto</code>		<code>\neswharpoonnwse</code>
	<code>\upmapsto</code>		<code>\nwseharpoonnesw</code>
	<code>\leftmapsto</code>		<code>\leftrightharpoondownup</code>
	<code>\downmapsto</code>		<code>\updownharpoonrightleft</code>
	<code>\nemapsto</code>		<code>\neswharpoonsenw</code>
	<code>\nwmapsto</code>		<code>\nwseharpoonswne</code>
	<code>\swmapsto</code>		<code>\rightleftharpoons</code>
	<code>\semapsto</code>		<code>\updownharpoons</code>
	<code>\lhookrightarrow,</code>		<code>\neswharpoons</code>
	<code>\hookrightarrow</code>		<code>\senwharpoons</code>
	<code>\lhookuparrow</code>		<code>\leftrightharpoons</code>
	<code>\lhookleftarrow</code>		<code>\downupharpoons</code>
	<code>\lhookdownarrow</code>		<code>\swneharpoons</code>
	<code>\lhooknearrow</code>		<code>\nwseharpoons</code>
	<code>\lhooknwarrow</code>		<code>\dashedrightarrow,</code>
	<code>\lhookswarrow</code>		<code>\dashedrightarrow, \dashrightarrow</code>
	<code>\lhooksearrow</code>		<code>\dasheduparrow</code>
	<code>\rhookrightarrow</code>		<code>\dashedleftarrow,</code>
	<code>\rhookuparrow</code>		<code>\dashleftarrow</code>
	<code>\rhookleftarrow,</code>		<code>\dasheddownarrow</code>
	<code>\hookleftarrow</code>		<code>\dashednearrow</code>
	<code>\rhookdownarrow</code>		<code>\dashednwarrow</code>
	<code>\rhooknearrow</code>		<code>\dashedswarrow</code>
	<code>\rhooknwarrow</code>		<code>\dashedsearrow</code>






	<code>\rightspoon, \multimap</code>		<code>\neswarrows</code>
	<code>\upspoon</code>		<code>\nwsearrows</code>
	<code>\leftspoon</code>		<code>\leftrightarrows</code>
	<code>\downspoon</code>		<code>\downuparrows</code>
	<code>\nespoon</code>		<code>\swnearrows</code>
	<code>\nwspoon</code>		<code>\senwarrows</code>
	<code>\swspoon</code>		<code>\rightlsquigarrow, \leadsto,</code>
	<code>\sespoon</code>		<code>\rightsquigarrow</code>
	<code>\rightfilledspoon</code>		<code>\uplsquigarrow</code>
	<code>\upfilledspoon</code>		<code>\leftlsquigarrow</code>
	<code>\leftfilledspoon</code>		<code>\downlsquigarrow</code>
	<code>\downfilledspoon</code>		<code>\nelsquigarrow</code>
	<code>\nefilledspoon</code>		<code>\nwlsquigarrow</code>
	<code>\nwfilledspoon</code>		<code>\swlsquigarrow</code>
	<code>\swfilledspoon</code>		<code>\selsquigarrow</code>
	<code>\sefilledspoon</code>		<code>\rightrsquigarrow</code>
	<code>\rightfootline</code>		<code>\uprsquigarrow</code>
	<code>\upfootline</code>		<code>\leftrsquigarrow</code>
	<code>\leftfootline</code>		<code>\downrsquigarrow</code>
	<code>\downfootline</code>		<code>\nersquigarrow</code>
	<code>\nefootline</code>		<code>\nwrsquigarrow</code>
	<code>\nwfootline</code>		<code>\swrsquigarrow</code>
	<code>\swfootline</code>		<code>\sersquigarrow</code>
	<code>\sefootline</code>		<code>\squigarrowleftright,</code>
	<code>\rightfree</code>		<code>\leftrightsquigarrow</code>
	<code>\upfree</code>		<code>\squigarrowupdown</code>
	<code>\leftfree</code>		<code>\squigarrowrightleft</code>
	<code>\downfree</code>		<code>\squigarrowdownup</code>
	<code>\nefree</code>		<code>\squigarrownesw</code>
	<code>\nwfree</code>		<code>\squigarrownwse</code>
	<code>\swfree</code>		<code>\squigarrowswne</code>
	<code>\sefree</code>		<code>\squigarrowswne</code>
	<code>\rightpitchfork</code>		<code>\lcurvearrowright,</code>
	<code>\uppitchfork, \pitchfork</code>		<code>\curvearrowright</code>
	<code>\leftpitchfork</code>		<code>\lcurvearrowup</code>
	<code>\downpitchfork</code>		<code>\lcurvearrowleft</code>
	<code>\nepitchfork</code>		<code>\lcurvearrowdown</code>
	<code>\nwpitchfork</code>		<code>\lcurvearrowne</code>
	<code>\swpitchfork</code>		<code>\lcurvearrownw</code>
	<code>\sepitchfork</code>		<code>\lcurvearrowsw</code>
	<code>\rightrightarrows</code>		<code>\lcurvearrowse</code>
	<code>\upuparrows</code>		<code>\rcurvearrowright</code>
	<code>\leftleftarrows</code>		<code>\rcurvearrowup</code>
	<code>\downdownarrows</code>		<code>\rcurvearrowleft,</code>
	<code>\nenearrows</code>		<code>\curvearrowleft</code>
	<code>\nwnwarrows</code>		<code>\rcurvearrowdown</code>
	<code>\swswarrows</code>		<code>\rcurvearrowne</code>
	<code>\sesearrows</code>		<code>\rcurvearrownw</code>
	<code>\rightleftarrows</code>		<code>\rcurvearrowsw</code>
	<code>\updownarrows</code>		<code>\rcurvearrowse</code>

	<code>\curvearrowleftright</code>		<code>\swVdash</code>
	<code>\curvearrowupdown</code>		<code>\seVdash</code>
	<code>\curvearrowrightleft</code>		<code>\rightModels, \VDash</code>
	<code>\curvearrowdownup</code>		<code>\upModels</code>
	<code>\curvearrownesw</code>		<code>\leftModels</code>
	<code>\curvearrownwse</code>		<code>\downModels</code>
	<code>\curvearrowswne</code>		<code>\neModels</code>
	<code>\curvearrowsenw</code>		<code>\nwModels</code>
	<code>\leftrightline, \relbar</code>		<code>\swModels</code>
	<code>\updownline, \divides</code>		<code>\seModels</code>
	<code>\neswline, \diagup</code>		<code>\rcirclearrowright</code>
	<code>\nwseline, \diagdown</code>		<code>\rcirclearrowup,</code>
	<code>\Leleftrightline, \Relbar</code>		<code>\circlearrowleft</code>
	<code>\Updownline, \parallel</code>		<code>\rcirclearrowleft</code>
	<code>\Neswline</code>		<code>\rcirclearrowdown</code>
	<code>\Nwseline</code>		<code>\lcirclearrowright</code>
	<code>\rightvdash, \vdash</code>		<code>\lcirclearrowup,</code>
	<code>\upvdash, \perp</code>		<code>\circlearrowright</code>
	<code>\leftvdash, \dashv</code>		<code>\lcirclearrowleft</code>
	<code>\downvdash</code>		<code>\rcirclearrowdown</code>
	<code>\nevdash</code>		<code>\lcirclearrowright</code>
	<code>\nwvdash</code>		<code>\rcirclearrowleft</code>
	<code>\swvdash</code>		<code>\lcirclearrowdown</code>
	<code>\sevdash</code>		<code>\circlearrowright</code>
	<code>\rightmodels, \models, \vDash</code>		<code>\lcirclearrowleft</code>
	<code>\upmodels</code>		<code>\circlearrowright</code>
	<code>\leftmodels</code>		<code>\lcirclearrowleft</code>
	<code>\downmodels</code>		<code>\rcirclearrowdown</code>
	<code>\neModels</code>		<code>\lcirclearrowright</code>
	<code>\nwModels</code>		<code>\rcirclearrowup,</code>
	<code>\swModels</code>		<code>\circlearrowright</code>
	<code>\seModels</code>		<code>\lcirclearrowleft</code>
	<code>\rightVdash, \Vdash</code>		<code>\circlearrowright</code>
	<code>\upVdash</code>		<code>\lcirclearrowleft</code>
	<code>\leftVdash</code>		<code>\rcirclearrowdown</code>
	<code>\downVdash</code>		<code>\lcirclearrowright</code>
	<code>\neVdash</code>		<code>\rcirclearrowleft</code>
	<code>\nwVdash</code>		<code>\lcirclearrowdown</code>
			<code>\rightarrow</code>
			<code>\longleftarrow</code>
			<code>\longleftarrow</code>
			<code>\Longrightarrow</code>
			<code>\Longleftarrow</code>
			<code>\Longleftarrow</code>
			<code>\mapsto</code>
			<code>\emptyfilledspoon</code>
			<code>\filledemptyspoon</code>
			<code>\largeemptyfilledspoon</code>
			<code>\largefilledemptyspoon</code>
			<code>\Rightarrow</code>
			<code>\Lleftarrow</code>
			<code>\Rsh</code>
			<code>\Lsh</code>
			<code>\looparrowright</code>
			<code>\looparrowleft</code>
			<code>\Vdash</code>

Negated arrows

	<code>\nrightarrow, \nrightarrow</code>		<code>\nrightarrow</code>
	<code>\nuparrow</code>		<code>\nuparrow</code>
	<code>\nleftarrow, \nleftarrow</code>		<code>\nleftarrow</code>
	<code>\ndownarrow</code>		<code>\ndownarrow</code>
	<code>\nnearrow</code>		<code>\nnearrow</code>
	<code>\nnwarrow</code>		<code>\nnwarrow</code>
	<code>\nswarrow</code>		<code>\nswarrow</code>
	<code>\nsearrow</code>		<code>\nsearrow</code>

\leftrightarrow	<code>\nleftrightarrow</code>	\rightarrow	<code>\nrightharpoonccw,</code>
\updownarrow	<code>\nupdownarrow</code>		<code>\nrightharpoonup</code>
\nearrow	<code>\nneswarrow</code>	\dagger	<code>\nupharpoonccw,</code>
\nwarrow	<code>\nnwsearrow</code>		<code>\nupharpoonleft</code>
\Leftrightarrow	<code>\nLeftrightarrow</code>	\rightarrow	<code>\nleftarrowccw,</code>
\Updownarrow	<code>\nUpdownarrow</code>		<code>\nleftarrowdown</code>
\nearrow	<code>\nNeswarrow</code>	\dagger	<code>\ndownharpoonccw,</code>
\nwarrow	<code>\nNwsearrow</code>		<code>\ndownharpoonright</code>
\rightarrow	<code>\ntwoheadrightarrow</code>	\times	<code>\nneharpoonccw</code>
\uparrow	<code>\ntwoheaduparrow</code>	\times	<code>\nnwharpoonccw</code>
\leftarrow	<code>\ntwoheadleftarrow</code>	\times	<code>\nswharpoonccw</code>
\downarrow	<code>\ntwoheaddownarrow</code>	\times	<code>\nseharpoonccw</code>
\nearrow	<code>\ntwoheadnearrow</code>	\rightarrow	<code>\nrightharpooncw,</code>
\nwarrow	<code>\ntwoheadnward</code>		<code>\nrightharpoondown</code>
\nearrow	<code>\ntwoheadswarrow</code>	\dagger	<code>\nupharpooncw,</code>
\nwarrow	<code>\ntwoheadsearrow</code>		<code>\nupharpoonright,</code>
\rightarrow	<code>\nrightharpoonright</code>		<code>\nrestriction</code>
\uparrow	<code>\nuparrowtail</code>	\rightarrow	<code>\nleftarrowcw,</code>
\leftarrow	<code>\nleftarrowtail</code>		<code>\nleftarrowup</code>
\downarrow	<code>\ndownarrowtail</code>	\dagger	<code>\ndownarrowcw,</code>
\nearrow	<code>\nnearrowtail</code>		<code>\ndownarrowleft</code>
\nwarrow	<code>\nnwardtail</code>	\times	<code>\nneharpooncw</code>
\nearrow	<code>\nswarrowtail</code>	\times	<code>\nnwharpooncw</code>
\nwarrow	<code>\nsearrowtail</code>	\times	<code>\nswharpooncw</code>
\rightarrow	<code>\nrightharpoonright, \nmapsto</code>	\times	<code>\nseharpooncw</code>
\uparrow	<code>\nupmapsto</code>	\rightarrow	<code>\nleftarrowharpoonupdown</code>
\leftarrow	<code>\nleftmapsto</code>	\dagger	<code>\nupdownarrowharpoonleftright</code>
\downarrow	<code>\ndownmapsto</code>	\times	<code>\nneswharpoonnwse</code>
\nearrow	<code>\nnemapsto</code>	\times	<code>\nnwseharpoonnesw</code>
\nwarrow	<code>\nnwmapsto</code>	\rightarrow	<code>\nleftarrowharpoondownup</code>
\nearrow	<code>\nswmapsto</code>	\dagger	<code>\nupdownarrowharpoonrightleft</code>
\nwarrow	<code>\nsemapsto</code>	\times	<code>\nneswharpoonsenw</code>
\rightarrow	<code>\nlhookrightarrow,</code>	\times	<code>\nnwseharpoonswne</code>
	<code>\nhookrightarrow</code>	\rightleftharpoons	<code>\nrightharpoons</code>
\uparrow	<code>\nlhookuparrow</code>	\dagger	<code>\nupdownharpoons</code>
\leftarrow	<code>\nlhookleftarrow</code>	\times	<code>\nneswharpoons</code>
\downarrow	<code>\nlhookdownarrow</code>	\times	<code>\nsenwharpoons</code>
\nearrow	<code>\nlhooknearrow</code>	\rightleftharpoons	<code>\nleftarrowharpoons</code>
\nwarrow	<code>\nlhooknward</code>	\dagger	<code>\ndownupharpoons</code>
\nearrow	<code>\nlhookswarrow</code>	\times	<code>\nswneharpoons</code>
\nwarrow	<code>\nlhooksearrow</code>	\times	<code>\nnwseharpoons</code>
\rightarrow	<code>\nrhookrightarrow</code>	\rightarrow	<code>\ndashedrightarrow,</code>
\uparrow	<code>\nrhookuparrow</code>		<code>\ndashrightarrow,</code>
\leftarrow	<code>\nrhookleftarrow,</code>		<code>\ndasharrow</code>
	<code>\nhookleftarrow</code>	\uparrow	<code>\ndasheduparrow</code>
\downarrow	<code>\nrhookdownarrow</code>	\leftarrow	<code>\ndashedleftarrow,</code>
\nearrow	<code>\nrhooknearrow</code>		<code>\ndashleftarrow</code>
\nwarrow	<code>\nrhooknward</code>	\downarrow	<code>\ndasheddownarrow</code>
\nearrow	<code>\nrhookswarrow</code>	\nearrow	<code>\ndashednearrow</code>
\nwarrow	<code>\nrhooksearrow</code>	\nwarrow	<code>\ndashednward</code>

	<code>\ndashedswarrow</code>		<code>\rightleftarrows</code>
	<code>\ndashedsearrow</code>		<code>\updownarrows</code>
	<code>\rightspoon, \nmultimap</code>		<code>\neswarrows</code>
	<code>\nupspoon</code>		<code>\nnwsearrows</code>
	<code>\nleftspoon</code>		<code>\nlefrigharrows</code>
	<code>\ndownspoon</code>		<code>\ndownuparrows</code>
	<code>\nnespoon</code>		<code>\nswnearrows</code>
	<code>\nnwspoon</code>		<code>\nsenwarrows</code>
	<code>\nswspoon</code>		<code>\rightlsquigarrow, \nleadsto,</code>
	<code>\nsespoon</code>		<code>\rightsquigarrow</code>
	<code>\rightfilledspoon</code>		<code>\nuplsquigarrow</code>
	<code>\nupfilledspoon</code>		<code>\nleftlsquigarrow</code>
	<code>\nleftfilledspoon</code>		<code>\ndownlsquigarrow</code>
	<code>\ndownfilledspoon</code>		<code>\nnelsquigarrow</code>
	<code>\nnefilledspoon</code>		<code>\nnwlsquigarrow</code>
	<code>\nnwfilledspoon</code>		<code>\nswlsquigarrow</code>
	<code>\nswfilledspoon</code>		<code>\nselsquigarrow</code>
	<code>\nsefilledspoon</code>		<code>\rightrsquigarrow</code>
	<code>\rightfootline</code>		<code>\nuprsquigarrow</code>
	<code>\nupfootline</code>		<code>\nleftrsquigarrow</code>
	<code>\nleftfootline</code>		<code>\ndownrsquigarrow</code>
	<code>\ndownfootline</code>		<code>\nnersquigarrow</code>
	<code>\nnefootline</code>		<code>\nnwrsquigarrow</code>
	<code>\nnwfootline</code>		<code>\nswrsquigarrow</code>
	<code>\nswfootline</code>		<code>\nsersquigarrow</code>
	<code>\nsefootline</code>		<code>\squigarrowleftright,</code>
	<code>\rightfree</code>		<code>\leftrightsquigarrow</code>
	<code>\nupfree</code>		<code>\squigarrowupdown</code>
	<code>\nleftfree</code>		<code>\squigarrowrightleft</code>
	<code>\ndownfree</code>		<code>\squigarrowdownup</code>
	<code>\nnefree</code>		<code>\squigarrownesw</code>
	<code>\nnwfree</code>		<code>\squigarrownwse</code>
	<code>\nswfree</code>		<code>\squigarrowswne</code>
	<code>\nsefree</code>		<code>\squigarrowswne</code>
	<code>\rightpitchfork</code>		<code>\squigarrowswne</code>
	<code>\nuppitchfork, \npitchfork</code>		<code>\nlcurvearrowright,</code>
	<code>\nleftpitchfork</code>		<code>\ncurvearrowright</code>
	<code>\ndownpitchfork</code>		<code>\nlcurvearrowup</code>
	<code>\nnepitchfork</code>		<code>\nlcurvearrowleft</code>
	<code>\nnwpitchfork</code>		<code>\nlcurvearrowdown</code>
	<code>\nswpitchfork</code>		<code>\nlcurvearrowone</code>
	<code>\nsepitchfork</code>		<code>\nlcurvearrowne</code>
	<code>\rightarrows</code>		<code>\nlcurvearrownw</code>
	<code>\nuparrows</code>		<code>\nlcurvearrowsw</code>
	<code>\leftleftarrows</code>		<code>\nlcurvearrowse</code>
	<code>\downdownarrows</code>		<code>\nrcurvearrowright</code>
	<code>\nnenearrows</code>		<code>\nrcurvearrowup</code>
	<code>\nnwnwarrows</code>		<code>\nrcurvearrowleft,</code>
	<code>\nswswarrows</code>		<code>\ncurvearrowleft</code>
	<code>\nsesearrows</code>		<code>\nrcurvearrowdown</code>
			<code>\nrcurvearrowone</code>
			<code>\nrcurvearrownw</code>

\curvearrowright	<code>\nrcurvearrowsw</code>	\nwarrow	<code>\nnwmodels</code>
\curvearrowleft	<code>\nrcurvearrowse</code>	\nearrow	<code>\nswmodels</code>
\curvearrowright	<code>\ncurvearrowleftright</code>	\searrow	<code>\nsemodels</code>
\curvearrowup	<code>\ncurvearrowupdown</code>	\Vdash	<code>\nrightVdash, \nVdash</code>
\curvearrowleft	<code>\ncurvearrowrightleft</code>	\Uparrow	<code>\nupVdash</code>
\curvearrowdown	<code>\ncurvearrowdownup</code>	\Ldash	<code>\nleftVdash</code>
\curvearrowsw	<code>\ncurvearrownesw</code>	\Ddash	<code>\ndownVdash</code>
\curvearrownw	<code>\ncurvearrownwse</code>	\nne	<code>\nneVdash</code>
\curvearrowsw	<code>\ncurvearrowswne</code>	\nnw	<code>\nnwVdash</code>
\curvearrowsw	<code>\ncurvearrowswne</code>	\nsw	<code>\nswVdash</code>
$\left $	<code>\nlefttrightrightline, \nrelbar</code>	\nse	<code>\nseVdash</code>
\updownline	<code>\nupdownline, \ndivides, \nmid</code>	\rightModels	<code>\nrightModels, \nVDash</code>
\nwline	<code>\nneswline, \ndiagup</code>	\nupModels	<code>\nupModels</code>
\nwswline	<code>\nnwseline, \ndiagdown</code>	\nleftModels	<code>\nleftModels</code>
$\left $	<code>\nLefttrightrightline, \nRelbar</code>	\ndownModels	<code>\ndownModels</code>
\updownline	<code>\nUpdownline, \nparallel</code>	\nneModels	<code>\nneModels</code>
\nwline	<code>\nNeswline</code>	\nnwModels	<code>\nnwModels</code>
\nwswline	<code>\nNwseline</code>	\nswModels	<code>\nswModels</code>
\rightvdash	<code>\nrightvdash, \nvdash</code>	\nseModels	<code>\nseModels</code>
\nupvdash	<code>\nupvdash, \nperp</code>	\circlearrowright	<code>\nrcirclearrowright</code>
\nleftvdash	<code>\nleftvdash, \ndashv</code>	\circlearrowup	<code>\nrcirclearrowup,</code>
\ndownvdash	<code>\ndownvdash</code>	\circlearrowleft	<code>\ncirclearrowleft</code>
\nnevvdash	<code>\nnevvdash</code>	\circlearrowleft	<code>\nrcirclearrowleft</code>
\nnwvdash	<code>\nnwvdash</code>	\circlearrowdown	<code>\nrcirclearrowdown</code>
\nswvdash	<code>\nswvdash</code>	\circlearrowright	<code>\nlcirclearrowright</code>
\nsevdash	<code>\nsevdash</code>	\circlearrowup	<code>\nlcirclearrowup,</code>
\rightmodels	<code>\nrightmodels, \nmodels,</code>	\circlearrowright	<code>\ncirclearrowright</code>
\nvDash	<code>\nvDash</code>	\circlearrowleft	<code>\nlcirclearrowleft</code>
\nupmodels	<code>\nupmodels</code>	\circlearrowdown	<code>\nlcirclearrowdown</code>
\nleftmodels	<code>\nleftmodels</code>	\rightarrow	<code>\nRrightarrow</code>
\ndownmodels	<code>\ndownmodels</code>	\leftarrow	<code>\nLleftarrow</code>
\nnemodls	<code>\nnemodls</code>		

Binary operators and letters

\cdot	<code>\cdot, \cdot</code>	\ddots	<code>\squaredots</code>
\cdots	<code>\hdotdot</code>	\vdots	<code>\fivedots</code>
$:$	<code>:, \vdots, \colon</code>	$-$	<code>-, \minus</code>
\cdot	<code>\udotdot</code>	\mid	<code>\medvert, \shortmid</code>
\cdot	<code>\ddotdot</code>	\diagup	<code>\medslash</code>
\cdots	<code>\hdots, \cdots</code>	\diagdown	<code>\medbackslash, \setminus,</code>
\vdots	<code>\vdots</code>	\smallsetminus	<code>\smallsetminus</code>
\cdot	<code>\udots</code>	$+$	<code>+, \plus</code>
\cdot	<code>\ddots</code>	\times	<code>\times</code>
\therefore	<code>\righttherefore</code>	\pm	<code>\pm</code>
\therefore	<code>\uptherefore, \therefore</code>	\mp	<code>\mp</code>
\therefore	<code>\lefttherefore</code>	$\dot{-}$	<code>\dotminus</code>
\therefore	<code>\downtherefore, \because</code>	$\dot{\mid}$	<code>\dotmedvert</code>
\diamond	<code>\diamonddots</code>	$\dot{-}$	<code>\minusdot</code>

⋮	<code>\medvertdot</code>	▶	<code>\filledtriangleright,</code> <code>\blacktriangleright</code>
÷	<code>\div</code>	▲	<code>\filledtriangleup</code>
÷	<code>\slashdiv</code>	◀	<code>\filledtriangleleft,</code> <code>\blacktriangleleft</code>
⋮	<code>\vertdiv</code>	▼	<code>\filledtriangledown</code>
÷	<code>\backslashdiv</code>	▷	<code>\medtriangleright,</code> <code>\triangleright</code>
¬	<code>\neg, \lnot, \minushookdown</code>	△	<code>\medtriangleup, \triangle,</code> <code>\vartriangle, \bigtriangleup</code>
⌊	<code>\backneg, \hookdownminus</code>	◁	<code>\medtriangleleft,</code> <code>\triangleleft</code>
×	<code>\dtimes</code>	▽	<code>\medtriangledown,</code> <code>\bigtriangledown,</code> <code>\triangledown</code>
×	<code>\rtimes</code>	▷	<code>\largetriangleright</code>
×	<code>\utimes</code>	△	<code>\largetriangleup</code>
×	<code>\ltimes</code>	◁	<code>\largetriangleleft</code>
⌘	<code>\bowtie, \Join</code>	▽	<code>\largetriangledown</code>
⌘	<code>\vertbowtie</code>	○	<code>\circ</code>
⌋	<code>\rightY</code>	●	<code>\bullet</code>
⌌	<code>\upY</code>	○	<code>\medcircle</code>
⌍	<code>\leftY</code>	◯	<code>\largecircle, \bigcirc</code>
⌎	<code>\downY</code>	⊖	<code>\ominus, \circleddash</code>
∧	<code>\wedge, \land</code>	⊕	<code>\oplus</code>
∨	<code>\vee, \lor</code>	⊗	<code>\otimes</code>
∧	<code>\wedgedot</code>	⊙	<code>\odot</code>
∨	<code>\veedot</code>	⊙	<code>\ocirc, \circledcirc</code>
⌘	<code>\doublewedge</code>	⊙	<code>\otriangle</code>
⌘	<code>\doublevee</code>	⊙	<code>\oast, \circledast</code>
⌘	<code>\curlywedge</code>	⊙	<code>\ostar</code>
⌘	<code>\curlyvee</code>	∅	<code>\diameter, \emptyset,</code> <code>\varnothing</code>
⌘	<code>\curlywedgedot</code>	◻	<code>\smallsquare</code>
⌘	<code>\curlyveedot</code>	■	<code>\filledsquare</code>
⌘	<code>\doublecurlywedge</code>	◻	<code>\medsquare, \square, \Box</code>
⌘	<code>\doublecurlyvee</code>	◻	<code>\largesquare</code>
∪	<code>\cup</code>	◇	<code>\smalldiamond, \diamond</code>
∩	<code>\cap</code>	◆	<code>\filleddiamond</code>
∪	<code>\doublecup, \Cup</code>	◇	<code>\meddiamond, \Diamond</code>
∩	<code>\doublecap, \Cap</code>	◇	<code>\largediamond</code>
∪	<code>\cupdot</code>	⊖	<code>\boxminus</code>
∩	<code>\capdot</code>	⊖	<code>\boxvert</code>
⊕	<code>\cupplus, \uplus</code>	⊗	<code>\boxslash</code>
⊕	<code>\capplus</code>	⊗	<code>\boxbackslash</code>
∪	<code>\sqcup</code>	⊕	<code>\boxplus</code>
∩	<code>\sqcap</code>	⊗	<code>\boxtimes</code>
∪	<code>\doublesqcup</code>		
∩	<code>\doublesqcap</code>		
∪	<code>\sqcupdot</code>		
∩	<code>\sqcapdot</code>		
⊕	<code>\sqcupplus</code>		
⊕	<code>\sqcapplus</code>		
▶	<code>\smalltriangleright</code>		
▲	<code>\smalltriangleup</code>		
◀	<code>\smalltriangleleft</code>		
▼	<code>\smalltriangledown</code>		

\square	<code>\boxdot</code>	\exists	<code>\exists</code>
\boxplus	<code>\boxbox</code>	\nexists	<code>\nexists</code>
\diamondminus	<code>\diamondminus</code>	∇	<code>\nabla</code>
\diamondv	<code>\diamondvert</code>	∞	<code>\infty</code>
\diamondslash	<code>\diamondslash</code>	\int	<code>\smallint</code>
\diamondbackslash	<code>\diamondbackslash</code>	\flat	<code>\flat</code>
\diamondplus	<code>\diamondplus</code>	\natural	<code>\natural</code>
\diamondtimes	<code>\diamondtimes</code>	\sharp	<code>\sharp</code>
\diamonddot	<code>\diamonddot</code>	\aleph	<code>\aleph</code>
\diamonddiamond	<code>\diamonddiamond</code>	\beth	<code>\beth</code>
\star	<code>\smallstar</code>	\gimel	<code>\gimel</code>
\star	<code>\filledstar</code>	\daleth	<code>\daleth</code>
\star	<code>\medstar</code>	\wp	<code>\wp</code>
\star	<code>\largestar</code>	\mathcal{P}	<code>\powerset</code>
\star	<code>\pentagram</code>	\neg	<code>\invneg, \minushookup</code>
\star	<code>\largepentagram</code>	\neg	<code>\invbackneg, \hookupminus</code>
\star	<code>\thinstar, \star</code>	\cup	<code>\lefthalfcup</code>
\star	<code>\ast, \ast</code>	\cup	<code>\righthalfcup</code>
∞	<code>\hbipropto</code>	\cap	<code>\lefthalfcap</code>
∞	<code>\neswbipropto</code>	\cap	<code>\righthalfcap</code>
∞	<code>\vbipropto</code>	\succ	<code>\closedsucc</code>
∞	<code>\nwsebipropto</code>	\wedge	<code>\closedcurlywedge</code>
∞	<code>\leftpropto, \propto, \varpropto</code>	\prec	<code>\closedprec</code>
∞	<code>\downpropto</code>	\vee	<code>\closedcurlyvee</code>
∞	<code>\rightpropto</code>	\triangleright	<code>\rightslice</code>
∞	<code>\uppropto</code>	\triangle	<code>\upslice</code>
\times	<code>\hcrossing</code>	\triangleleft	<code>\leftslice</code>
\times	<code>\neswcrossing</code>	\triangledown	<code>\downslice</code>
\times	<code>\vcrossing</code>	\lozenge	<code>\smalllozenge</code>
\times	<code>\nwsecrossing</code>	\lozenge	<code>\filledlozenge</code>
\times	<code>\between</code>	\lozenge	<code>\medlozenge, \lozenge</code>
\times	<code>\separated</code>	\lozenge	<code>\filledmedlozenge, \blacklozenge</code>
\perp	<code>\bot</code>	\lozenge	<code>\largelozenge</code>
\top	<code>\top, \intercal</code>	\blacktriangleright	<code>\filledmedtriangleright</code>
\wr	<code>\wreath, \wr</code>	\blacktriangle	<code>\filledmedtriangleup, \blacktriangle</code>
\angle	<code>\angle</code>	\blacktriangleleft	<code>\filledmedtriangleleft</code>
\sphericalangle	<code>\measuredangle</code>	\blacktriangledown	<code>\filledmedtriangledown, \blacktriangledown</code>
\sphericalangle	<code>\sphericalangle</code>	\blacksquare	<code>\filledmedsquare, \blacksquare</code>
\prime	<code>\prime</code>	\star	<code>\filledlargestar, \bigstar</code>
\backprime	<code>\backprime</code>	\star	<code>\medstarofdauid</code>
\smallprod	<code>\smallprod</code>	\star	<code>\largestarofdauid</code>
\amalg	<code>\amalg</code>	\star	<code>\maltese</code>
\checkmark	<code>\checkmark</code>	\times	<code>\leftthreetimes</code>
\lightning	<code>\lightning</code>	\times	<code>\rightthreetimes</code>
\diamondsuit	<code>\diamondsuit</code>	\parallel	<code>\nshortmid</code>
\heartsuit	<code>\heartsuit</code>	\parallel	<code>\shortparallel</code>
\spadesuit	<code>\spadesuit</code>	\parallel	<code>\nshortparallel</code>
\clubsuit	<code>\clubsuit</code>		
\forall	<code>\forall</code>		

Relations

=	=, \equal	×	\sqsmilefrown
≡	\equiv	◊	\sqfrownsmile
≈	\sim	⋈	\sqsmileeq
≈	\backsim	▷	\sqfrowneq
≈	\approx	◁	\sreqsmile
≈	\backapprox	▷	\sreqfrown
≈	\triplesim	⋈	\sqdoublesmileeq
≈	\backtriplesim	▷	\sqdoublefrowneq
≈	\simeq	▷	\sqsmileeqfrown
≈	\backsimeq	◁	\sqfrowneqsmile
≈	\eqsim	#	\eqcirc
≈	\backeqsim	⊖	\circeq
≈	\cong	⊖	\trianglelefteq, \trianglerighteq
≈	\backcong	⊖	\hateq
≈	\approxeq	⊖	\in
≈	\backapproxeq	⊖	\owns, \ni
≈	\bumpeq	<	<, \less
≈	\eqbump	>	>, \gtr
≈	\Bumpeq	⋈	\leq, \le
≈	\doteq	⋈	\geq, \ge
≈	\eqdot	⋈	\leqslant
≈	\Doteq, \doteqdot	⋈	\geqslant
≈	\fallingdotseq	⋈	\leqq
≈	\risingdotseq	⋈	\geqq
≈	\smile, \smallsmile	⋈	\lessgtr
≈	\frown, \smallfrown	⋈	\gtrless
≈	\doublesmile	⋈	\lesseqgtr
≈	\doublefrown	⋈	\gtreqless
≈	\triplesmile	⋈	\lesseqqgtr
≈	\triplefrown	⋈	\gtreqqless
≈	\smilefrown, \asympt	⋈	\lesseqgtrslant
≈	\frownsmile	⋈	\gtreqlessslant
≈	\smileeq	⋈	\ll
≈	\frowneq	⋈	\gg
≈	\eqsmile	⋈	\lll, \llless
≈	\eqfrown	⋈	\ggg, \gggtr
≈	\doublesmileeq	⋈	\lessclosed, \lhd,
≈	\doublefrowneq	⋈	\vartrianglelefteq
≈	\smileeqfrown	⋈	\gtrclosed, \rhd,
≈	\frowneqsmile	⋈	\vartrianglerighteq
≈	\smilefrowneq	⋈	\leqclosed, \unlhd,
≈	\frownsmileeq	⋈	\trianglelefteq
≈	\sqsmile	⋈	\geqclosed, \unrhd,
≈	\sqfrown	⋈	\trianglerighteq
≈	\sqdoublesmile	⋈	\sqsubset
≈	\sqdoublefrown	⋈	\sqsupset
≈	\sqtriplesmile	⋈	\sqsubseteq
≈	\sqtriplefrown	⋈	

\sqsupseteq	<code>\sqsupseteq</code>	\neqsim	<code>\neqsim</code>
\sqsubseteqq	<code>\sqsubseteqq</code>	\nbackeqsim	<code>\nbackeqsim</code>
\sqsupseteqq	<code>\sqsupseteqq</code>	\ncong	<code>\ncong</code>
\sqsubset	<code>\sqsubset</code>	\nbackcong	<code>\nbackcong</code>
\sqsupset	<code>\sqsupset</code>	\napproxeq	<code>\napproxeq</code>
\subset	<code>\subset</code>	\nbackapproxeq	<code>\nbackapproxeq</code>
\supset	<code>\supset</code>	\nbump	<code>\nbump</code>
\subseteq	<code>\subseteq</code>	\neqbump	<code>\neqbump</code>
\supseteq	<code>\supseteq</code>	\nBump	<code>\nBump</code>
\subseteqq	<code>\subseteqq</code>	\ndoteq	<code>\ndoteq</code>
\supseteqq	<code>\supseteqq</code>	\neqdot	<code>\neqdot</code>
\Subset	<code>\Subset</code>	\nDoteq	<code>\nDoteq</code>
\Supset	<code>\Supset</code>	\nfallingdotseq	<code>\nfallingdotseq</code>
\prec	<code>\prec</code>	\nrisingdotseq	<code>\nrisingdotseq</code>
\succ	<code>\succ</code>	\nsmile	<code>\nsmile</code>
\preceq	<code>\preceq</code>	\nfrown	<code>\nfrown</code>
\succeq	<code>\succeq</code>	\ndoublesmile	<code>\ndoublesmile</code>
\preccurlyeq	<code>\preccurlyeq</code>	\ndoublefrown	<code>\ndoublefrown</code>
\succcurlyeq	<code>\succcurlyeq</code>	\ntriplesmile	<code>\ntriplesmile</code>
\precsim	<code>\precsim</code>	\ntriplefrown	<code>\ntriplefrown</code>
\succsim	<code>\succsim</code>	\nsmilefrown, \nasymp	<code>\nsmilefrown, \nasymp</code>
\precapprox	<code>\precapprox</code>	\nfrownsmile	<code>\nfrownsmile</code>
\succapprox	<code>\succapprox</code>	\nsmileeq	<code>\nsmileeq</code>
\lessdot	<code>\lessdot</code>	\nfrowneq	<code>\nfrowneq</code>
\gtrdot	<code>\gtrdot</code>	\neqsmile	<code>\neqsmile</code>
\leqdot	<code>\leqdot</code>	\neqfrown	<code>\neqfrown</code>
\geqdot	<code>\geqdot</code>	\ndoublesmileeq	<code>\ndoublesmileeq</code>
\leqslantdot	<code>\leqslantdot</code>	\ndoublefrowneq	<code>\ndoublefrowneq</code>
\geqslantdot	<code>\geqslantdot</code>	\nsmileeqfrown	<code>\nsmileeqfrown</code>
\closedequal	<code>\closedequal</code>	\nfrowneqsmile	<code>\nfrowneqsmile</code>
\equalclosed	<code>\equalclosed</code>	\nsmilefrowneq	<code>\nsmilefrowneq</code>
\equivclosed	<code>\equivclosed</code>	\nfrownsmileeq	<code>\nfrownsmileeq</code>
\lesssim	<code>\lesssim</code>	\nsqsmile	<code>\nsqsmile</code>
\gtrsim	<code>\gtrsim</code>	\nsqfrown	<code>\nsqfrown</code>
\lessapprox	<code>\lessapprox</code>	\nsqdoublefrown	<code>\nsqdoublefrown</code>
\gtrapprox	<code>\gtrapprox</code>	\nsqdoublefrown	<code>\nsqdoublefrown</code>
\leqslantless	<code>\leqslantless</code>	\nsqtriplesmile	<code>\nsqtriplesmile</code>
\leqslantgtr	<code>\leqslantgtr</code>	\nsqtriplefrown	<code>\nsqtriplefrown</code>
\curlyeqprec	<code>\curlyeqprec</code>	\nsqsmilefrown	<code>\nsqsmilefrown</code>
\curlyeqsucc	<code>\curlyeqsucc</code>	\nsqfrownsmile	<code>\nsqfrownsmile</code>
\nequal, \neq, \ne	<code>\nequal, \neq, \ne</code>	\nsqsmileeq	<code>\nsqsmileeq</code>
\nequiv	<code>\nequiv</code>	\nsqfrowneq	<code>\nsqfrowneq</code>
\nsim	<code>\nsim</code>	\nsqeqsmile	<code>\nsqeqsmile</code>
\nbacksimeq	<code>\nbacksimeq</code>	\nsqeqfrown	<code>\nsqeqfrown</code>
\napprox	<code>\napprox</code>	\nsqdoublefrown	<code>\nsqdoublefrown</code>
\nbackapprox	<code>\nbackapprox</code>	\nsqdoublefrown	<code>\nsqdoublefrown</code>
\ntriplesim	<code>\ntriplesim</code>	\nsqsmileeqfrown	<code>\nsqsmileeqfrown</code>
\nbacktriplesim	<code>\nbacktriplesim</code>	\nsqfrowneqsmile	<code>\nsqfrowneqsmile</code>
\nsimeq	<code>\nsimeq</code>	\neqcirc	<code>\neqcirc</code>
\nbacksimeq	<code>\nbacksimeq</code>	\ncirceq	<code>\ncirceq</code>







































#	\ntrianglelefteq	⊃	\nSupset
#	\nhateq	⋈	\nprec
⊖	\nin, \notin	⋉	\nsucc
⊄	\nowns	⊆	\npreceq, \precneqq
⋈	\nless	⊇	\nsucceq, \succneqq
⋉	\ngtr	⊈	\npreccurlyeq
⊆	\nleq, \lneq	⊉	\nsucccurlyeq
⊇	\ngeq, \gneq	⊊	\nprecsim
⊈	\nleqslant	⊋	\nsuccsim
⊉	\ngeqslant	⊌	\nprecapprox
⊊	\nleqq	⊍	\nsuccapprox
⊋	\ngeqq	⊎	\nlessdot
⊌	\nlessgtr	⋅	\ngtrdot
⊍	\ngtrless	⋆	\nleqdot
⊎	\nlesseqgtr	⋇	\ngeqdot
⊏	\ngtreqlless	⋈	\nleqslantdot
⊐	\nlesseqqgtr	⋉	\ngeqslantdot
⊑	\ngtreqqless	⋊	\lneqq, \lvertneqq
⋅	\nlesseqgtrslant	⋋	\gneqq, \gvertneqq
⋆	\ngtreqllessslant	⋌	\lessneqqgtr
⋇	\nll	⋍	\gtrneqqless
⋈	\ngg	⊆	\sqsubsetneq
⋉	\nlll	⊇	\sqsupsetneq
⋊	\nggg	⊆	\sqsubsetneqq
⋋	\nlessclosed, \ntriangleleft	⊇	\sqsupsetneqq
⋌	\ngtrclosed, \ntriangleright	⊆	\subsetneq, \varsubsetneq
⋍	\nleqclosed, \ntrianglelefteq	⊇	\supsetneq, \varsupsetneq
⋎	\ngeqclosed, \ntrianglerighteq	⊆	\subsetneqq, \varsubsetneqq
⋏	\nsqsubset	⊇	\supsetneqq, \varsupsetneqq
⋐	\nsqsupset	⊆	\precnsim
⋑	\nsqsubseteq	⊇	\succnsim
⋒	\nsqsupseteq	⊆	\precnapprox
⋓	\nsqsubseteqq	⊇	\succnapprox
⋔	\nsqsupseteqq	⊆	\nclosedequal
⋕	\nSqssubset	⊇	\nequalclosed
⋖	\nSqsupset	⊆	\nequivclosed
⋗	\nsubset	⊆	\lnsim
⋘	\nsupset	⊇	\gnsim
⋙	\nsubseteq	⊆	\lnapprox
⋚	\nsupseteq	⊇	\gnapprox
⋛	\nsubseteqq	⊆	\neqslantless
⋜	\nsupseteqq	⊇	\neqslantgtr
⋝	\nsubseteqqq	⊆	\ncurlyeqprec
⋞	\nsupseteqq	⊇	\ncurlyeqsucc
⋟	\nSubset		






































Operators

$\+$	\bigplus	\bigodot	\bigodot	\bigodot
\times	\bigtimes	\bigcirc	\bigcirc	\bigcirc
\wedge	\bigwedge	\bigtriangle	\bigtriangle	\bigtriangle
\vee	\bigvee	\bigoplus	\bigoplus	\bigoplus
$\dot{\wedge}$	\bigwedgedot	\bigstar	\bigstar	\bigstar
$\dot{\vee}$	\bigveedot	\prod	\prod	\prod
$\wedge\wedge$	\bigdoublewedge	\coprod	\coprod	\coprod
$\vee\vee$	\bigdoublevee	\sum	\sum	\sum
\frown	\bigcurlywedge	\int	\int	\int
\smile	\bigcurlyvee	\iint	\iint	\iint
$\frown\dot{}$	\bigcurlywedgedot	\iiint	\iiint	\iiint
$\smile\dot{}$	\bigcurlyveedot	\iiiint	\iiiint	\iiiint
$\frown\wedge$	\bigdoublecurlywedge	$\int\cdots\int$	$\int\cdots\int$	$\int\cdots\int$
$\smile\vee$	\bigdoublecurlyvee	f	f	f
\cap	\bigcap	f	f	f
\cup	\bigcup	f	f	f
$\cap\dot{}$	\bigcapdot	f	f	f
$\cup\dot{}$	\bigcupdot	f	f	f
$\cap+$	\bigcapplus, \bigcupplus	f	f	f
$\cup+$	\bigcupplus	f	f	f
\sqcap	\bigsqcap	f	f	f
\sqcup	\bigsqcup	\oint	\oint	\oint
$\sqcap\dot{}$	\bigsqcapdot	\oint	\oint	\oint
$\sqcup\dot{}$	\bigsqcupdot	\oint	\oint	\oint
$\sqcap+$	\bigsqcapplus	\oint	\oint	\oint
$\sqcup+$	\bigsqcupplus	\oint	\oint	\oint
\bigcirc	\bigcirc	\oint	\oint	\oint
\ominus	\bigominus	\oint	\oint	\oint
\bigoplus	\bigoplus	\oint	\oint	\oint
\bigoslash	\bigoslash	\oint	\oint	\oint
\bigobackslash	\bigobackslash	\oint	\oint	\oint
\bigoplus	\bigoplus	\oint	\oint	\oint
\bigotimes	\bigotimes	\oint	\oint	\oint
		\mathbb{C}	\mathbb{C}	\mathbb{C}

Braces and accents

$((((($	$\left($	$}}}})$	$\rightbrace, \}$
$))))$	$\right)$	$\langle\langle\langle$	$\rangle\langle$
$[[[[$	$\left[$	$\rangle\rangle\rangle$	$\rangle\rightangle$
$]]]]$	$\right]$	$\langle\langle\langle$	$\rangle\langle\bar{}$
$\{\{\{\{\}$	$\left\{$	$\rangle\rangle\rangle$	$\rangle\rightangle\bar{}$

	<code>\llangle</code>		<code>\rvert</code>
	<code>\rrangle</code>		<code>\Vert, \l</code>
	<code>\lfloor</code>		<code>\mVert</code>
	<code>\rfloor</code>		<code>\lVert</code>
	<code>\lceil</code>		<code>\rVert</code>
	<code>\rceil</code>		<code>\arrowvert</code>
	<code>\ulcorner</code>		<code>\Arrowvert</code>
	<code>\urcorner</code>		<code>\lwavey</code>
	<code>\llcorner</code>		<code>\rwavey</code>
	<code>\lrcorner</code>		<code>\lWavy</code>
	<code>\ullcorner</code>		<code>\rWavy</code>
	<code>\ulrcorner</code>		<code>\lgroupp</code>
	<code>\lsem</code>		<code>\rgroupp</code>
	<code>\rsem</code>		<code>\lmoustache</code>
			<code>\rmoustache</code>
	<code>\backslash</code>		<code>\bracevert</code>
	<code> , \vert</code>		<code>\uparrow</code>
	<code>\mvert, \mid</code>		<code>\downarrow</code>
	<code>\lvert</code>		<code>\updownarrow</code>

	<code>\Uparrow</code>		<code>\Updownarrow</code>
	<code>\Downarrow</code>		
	<code>\downbrace</code>		<code>\upbracegggg</code>
	<code>\downbraceg</code>		<code>\bracedl</code>
	<code>\downbraceegg</code>		<code>\braceru</code>
	<code>\downbraceeggg</code>		<code>\bracerd</code>
	<code>\downbraceegggg</code>		<code>\braceru</code>
	<code>\upbrace</code>		<code>\bracemd</code>
	<code>\upbraceg</code>		<code>\bracemu</code>
	<code>\upbraceegg</code>		<code>\bracemid</code>
	<code>\upbraceeggg</code>		
	<code>\overbrace</code>		<code>\overlinesegment</code>
	<code>\underbrace</code>		<code>\overlefttharpoon</code>
	<code>\overgroup</code>		<code>\overrighttharpoon</code>
	<code>\undergroup</code>		<code>\underlinesegment</code>
	<code>\sqrt{b}</code>		<code>\vec{b}</code>
	<code>\surd</code>		<code>\middlebar</code>
	<code>\widehat{abc}</code>		<code>\middleslash</code>
	<code>\widetilde{abc}</code>		<code>\strokethrough</code>
	<code>\wideparen{abc}</code>		

Faked symbols

The following symbols are taken from the text font or they are assembled from several glyphs.

<code>:=</code>	<code>\coloneq</code>	<code>ħ</code>	<code>\hslash</code>
<code>†</code>	<code>\dagger</code>	<code>Ⓜ</code>	<code>\circledR</code>
<code>‡</code>	<code>\ddagger</code>	<code>Ⓢ</code>	<code>\circledS</code>
<code>¶</code>	<code>\mathparagraph</code>	<code>+</code>	<code>\dotplus</code>
<code>§</code>	<code>\mathsection</code>	<code>~</code>	<code>\thicksim</code>
<code>\$</code>	<code>\mathdollar</code>	<code>≈</code>	<code>\thickapprox</code>
<code>£</code>	<code>\mathsterling</code>	<code>∨</code>	<code>\veebar</code>
<code>¥</code>	<code>\yen</code>	<code>∧</code>	<code>\barwedge</code>
<code>ℜ</code>	<code>\Re</code>	<code>∧</code>	<code>\doublebarwedge</code>
<code>ℑ</code>	<code>\Im</code>	<code>·</code>	<code>\centerdot</code>
<code>ħ</code>	<code>\hbar</code>	<code>*</code>	<code>\divideontimes</code>

Missing symbols. The following symbols from Computer Modern or the AMS fonts are missing in MnSymbol. If available they should be taken from the text font. (For instance, the MinionPro package defines most of them.)

<code>\mho</code>	<code>\digamma</code>	<code>\mapstochar</code>
<code>\Finv</code>	<code>\varkappa</code>	<code>\lhook</code>
<code>\Game</code>	<code>\Bbbk</code>	<code>\rhook</code>
<code>\eth</code>	<code>\backepsilon</code>	

1 The style file

```

1 (*style)
2 \ProvidesPackage{MnSymbol}[2007/01/21 v1.4 support for the MnSymbol font]

```

Options to select the calligraphic font.

```

3 \DeclareOption{mnsy}{%
4   \def\Mn@Load@Cal@Font{%
5     \DeclareMathAlphabet\mathcal{OMS}{MnSymbolS}{m}{n}%
6     \SetMathAlphabet\mathcal{bold}{OMS}{MnSymbolS}{b}{n}}
7 \DeclareOption{cmsy}{%
8   \def\Mn@Load@Cal@Font{%
9     \DeclareMathAlphabet\mathcal{OMS}{cmsy}{m}{n}%
10    \SetMathAlphabet\mathcal{bold}{OMS}{cmsy}{b}{n}}
11 \DeclareOption{abx}{%
12   \def\Mn@Load@Cal@Font{%
13     \DeclareFontFamily{OT1}{mathc}{}%
14     \DeclareFontShape{OT1}{mathc}{m}{n}{ <-> mathcm10 }{}%
15     \DeclareFontShape{OT1}{mathc}{b}{n}{ <-> mathcb10 }{}%
16     \DeclareMathAlphabet\mathcal{OT1}{mathc}{m}{n}%
17     \SetMathAlphabet\mathcal{bold}{OT1}{mathc}{b}{n}}

```

Some symbols missing from MnSymbol can be obtained from other fonts or by combining several other symbols.

```

18 \newcommand*\Mn@Fake@Missing{
19   \ifpackageloaded{textcomp}{\RequirePackage{textcomp}}
20   \ifundefined{mathfrak}{\RequirePackage{eufrak}}{}
21
22   \DeclareRobustCommand{\dagger}{\Mn@Text@With@MathVersion{\textdagger}}
23   \DeclareRobustCommand{\ddagger}{\Mn@Text@With@MathVersion{\textdaggerdbl}}
24   \DeclareRobustCommand{\mathparagraph}{\Mn@Text@With@MathVersion{\textparagraph}}
25   \DeclareRobustCommand{\mathsection}{\Mn@Text@With@MathVersion{\textsection}}
26   \DeclareRobustCommand{\mathdollar}{\Mn@Text@With@MathVersion{\textdollar}}
27   \DeclareRobustCommand{\mathsterling}{\Mn@Text@With@MathVersion{\textsterling}}
28   \DeclareRobustCommand{\yen}{\Mn@Text@With@MathVersion{\textyen}}
29   \DeclareRobustCommand{\circledR}{\Mn@Text@With@MathVersion{\textcircled{%
30     \check@mathfonts\fontsize\sf@size\z@\math@fontsfalse\selectfont
31   }}}
32   \DeclareRobustCommand{\circledS}{\Mn@Text@With@MathVersion{\textcircled{%
33     \check@mathfonts\fontsize\sf@size\z@\math@fontsfalse\selectfont
34   }}}
33   \DeclareRobustCommand{\Re}{\mathfrak{R}}
34   \DeclareRobustCommand{\Im}{\mathfrak{I}}
35   \DeclareRobustCommand{\dotplus}{\dot{+}}
36   \DeclareRobustCommand{\thicksim}{\mathrel{\text{\boldmath$\m@th\sim$}}}
37   \DeclareRobustCommand{\thickapprox}{\mathrel{\text{\boldmath$\m@th\approx$}}}
38   \let\hbar\undefined
39   \let\hslash\undefined
40   % Hack for backward compatibility with the MinionPro package:
41   % If the package is loaded then we do not need to define \hbar.
42   \ifpackageloaded{MinionPro}{}%

```



```

43 \DeclareRobustCommand{\hbar}{\middlebar h}
44 \DeclareRobustCommand{\hslash}{\middleslash h}
45
46 \let\lneq\lneq
47 \let\gneq\gneq
48 \let\precneqq\precneqq
49 \let\succneqq\succneqq
50 \DeclareRobustCommand\veebar{\mathbin{\underline{\vee}}}
51 \DeclareRobustCommand\barwedge{\mathbin{\overline{\wedge}}}
52 \DeclareRobustCommand\doublebarwedge{\mathbin{\overline{\overline{\wedge}}}}
53 \DeclareRobustCommand\centerdot{\mathbin{\rule{0.15em}{0.15em}}}
54 \DeclareRobustCommand\divideontimes{\mathbin{\oalign{$\div$\cr$\times$}}}

```

MnSymbol lacks some symbols that are present in the Computer Modern or the AMS fonts. In order to warn the user we undefine the corresponding commands.

(a) Missing letters.

```

55 \let\eth\undefined
56 \let\digamma\undefined
57 \let\varkappa\undefined
58 \let\backepsilon\undefined
59
60 \let\mho\undefined
61 \let\Finv\undefined
62 \let\Game\undefined
63 \let\Bbbk\undefined

```

(b) Unneeded partial symbols.

```

64 \let\mapstochar\undefined
65 \let\lhook\undefined
66 \let\rhook\undefined
67 }
68 \DeclareOption{retainmissing}{\let\Mn@Fake@Missing\relax}
69
70 \ExecuteOptions{mnsy}
71 \ProcessOptions\relax

```

Loading external packages. But only if they are not already loaded in order to avoid warning messages about loading a package twice with different options.

```

72 \ifpackageloaded{amsmath}{}{\RequirePackage{amsmath}}
73 \Mn@Fake@Missing

```

Short hands to simplify the definitions below.

```

74 \def\Set@Mn@Sym#1{\@tempcnta #1\relax}
75 \def\Next@Mn@Sym{\advance\@tempcnta 1\relax}
76 \def\Prev@Mn@Sym{\advance\@tempcnta-1\relax}
77
78 \def\@Decl@Mn@Sym#1#2#3#4{\DeclareMathSymbol{#2}{#3}{#4}{#1}}
79 \def\Decl@Mn@Sym#1#2#3{%
80 \if\relax\noexpand#1%
81 \let#1\undefined
82 \fi
83 \expandafter\@Decl@Mn@Sym\expandafter{\the\@tempcnta}{#1}{#3}{#2}%
84 \Next@Mn@Sym}
85 \def\Decl@Mn@Alias#1#2#3{\Prev@Mn@Sym\Decl@Mn@Sym{#1}{#2}{#3}}
86 \let\Decl@Mn@Char\Decl@Mn@Sym
87 \def\Decl@Mn@Op#1#2#3{\def#1{\DOTSB#3\limits@}}

```

```

88 \def\Decl@Mn@Int#1#2#3{\def#1{\DOTSI#3\ilimits@}}
89
90 \def\Decl@Mn@Delim#1#2#3#4{%
91   \if\relax\noexpand#1%
92     \let#1\undefined
93   \fi
94   \DeclareMathDelimiter{#1}{#2}{#3}{#4}{#3}{#4}}
95 \def\Decl@Mn@Open#1#2#3{\Decl@Mn@Delim{#1}{\mathopen}{#2}{#3}}
96 \def\Decl@Mn@Close#1#2#3{\Decl@Mn@Delim{#1}{\mathclose}{#2}{#3}}

```

Font definitions.

```

97 \DeclareFontFamily{U} {MnSymbolA}{}
98 \DeclareFontFamily{U} {MnSymbolB}{}
99 \DeclareFontFamily{U} {MnSymbolC}{}
100 \DeclareFontFamily{U} {MnSymbolD}{}
101 \DeclareFontFamily{OMX}{MnSymbolE}{}
102 \DeclareFontFamily{U} {MnSymbolF}{}
103 \DeclareFontFamily{OMS}{MnSymbolS}{\skewchar\font=0}
104 \DeclareSymbolFont{MnSyA} {U} {MnSymbolA}{m}{n}
105 \DeclareSymbolFont{MnSyB} {U} {MnSymbolB}{m}{n}
106 \DeclareSymbolFont{MnSyC} {U} {MnSymbolC}{m}{n}
107 \DeclareSymbolFont{MnSyD} {U} {MnSymbolD}{m}{n}
108 \DeclareSymbolFont{largesymbols} {OMX}{MnSymbolE}{m}{n}
109 \DeclareSymbolFont{symbols} {U} {MnSymbolF}{m}{n}
110 \SetSymbolFont{MnSyA} {bold}{U} {MnSymbolA}{b}{n}
111 \SetSymbolFont{MnSyB} {bold}{U} {MnSymbolB}{b}{n}
112 \SetSymbolFont{MnSyC} {bold}{U} {MnSymbolC}{b}{n}
113 \SetSymbolFont{MnSyD} {bold}{U} {MnSymbolD}{b}{n}
114 \SetSymbolFont{largesymbols}{bold}{OMX}{MnSymbolE}{b}{n}
115 \SetSymbolFont{symbols} {bold}{U} {MnSymbolF}{b}{n}
116
117 \DeclareFontShape{U}{MnSymbolA}{m}{n}{
118   <-6> MnSymbolA5
119   <6-7> MnSymbolA6
120   <7-8> MnSymbolA7
121   <8-9> MnSymbolA8
122   <9-10> MnSymbolA9
123   <10-12> MnSymbolA10
124   <12-> MnSymbolA12}{}
125 \DeclareFontShape{U}{MnSymbolA}{b}{n}{
126   <-6> MnSymbolA-Bold5
127   <6-7> MnSymbolA-Bold6
128   <7-8> MnSymbolA-Bold7
129   <8-9> MnSymbolA-Bold8
130   <9-10> MnSymbolA-Bold9
131   <10-12> MnSymbolA-Bold10
132   <12-> MnSymbolA-Bold12}{}
133 \DeclareFontShape{U}{MnSymbolB}{m}{n}{
134   <-6> MnSymbolB5
135   <6-7> MnSymbolB6
136   <7-8> MnSymbolB7
137   <8-9> MnSymbolB8
138   <9-10> MnSymbolB9
139   <10-12> MnSymbolB10
140   <12-> MnSymbolB12}{}

```

```

141 \DeclareFontShape{U}{MnSymbolB}{b}{n}{
142   <-6> MnSymbolB-Bold5
143   <6-7> MnSymbolB-Bold6
144   <7-8> MnSymbolB-Bold7
145   <8-9> MnSymbolB-Bold8
146   <9-10> MnSymbolB-Bold9
147   <10-12> MnSymbolB-Bold10
148   <12-> MnSymbolB-Bold12}{
149 \DeclareFontShape{U}{MnSymbolC}{m}{n}{
150   <-6> MnSymbolC5
151   <6-7> MnSymbolC6
152   <7-8> MnSymbolC7
153   <8-9> MnSymbolC8
154   <9-10> MnSymbolC9
155   <10-12> MnSymbolC10
156   <12-> MnSymbolC12}{
157 \DeclareFontShape{U}{MnSymbolC}{b}{n}{
158   <-6> MnSymbolC-Bold5
159   <6-7> MnSymbolC-Bold6
160   <7-8> MnSymbolC-Bold7
161   <8-9> MnSymbolC-Bold8
162   <9-10> MnSymbolC-Bold9
163   <10-12> MnSymbolC-Bold10
164   <12-> MnSymbolC-Bold12}{
165 \DeclareFontShape{U}{MnSymbolD}{m}{n}{
166   <-6> MnSymbolD5
167   <6-7> MnSymbolD6
168   <7-8> MnSymbolD7
169   <8-9> MnSymbolD8
170   <9-10> MnSymbolD9
171   <10-12> MnSymbolD10
172   <12-> MnSymbolD12}{
173 \DeclareFontShape{U}{MnSymbolD}{b}{n}{
174   <-6> MnSymbolD-Bold5
175   <6-7> MnSymbolD-Bold6
176   <7-8> MnSymbolD-Bold7
177   <8-9> MnSymbolD-Bold8
178   <9-10> MnSymbolD-Bold9
179   <10-12> MnSymbolD-Bold10
180   <12-> MnSymbolD-Bold12}{
181 \DeclareFontShape{OMX}{MnSymbolE}{m}{n}{
182   <-6> MnSymbolE5
183   <6-7> MnSymbolE6
184   <7-8> MnSymbolE7
185   <8-9> MnSymbolE8
186   <9-10> MnSymbolE9
187   <10-12> MnSymbolE10
188   <12-> MnSymbolE12}{
189 \DeclareFontShape{OMX}{MnSymbolE}{b}{n}{
190   <-6> MnSymbolE-Bold5
191   <6-7> MnSymbolE-Bold6
192   <7-8> MnSymbolE-Bold7
193   <8-9> MnSymbolE-Bold8
194   <9-10> MnSymbolE-Bold9

```

```

195 <10-12> MnSymbolE-Bold10
196 <12-> MnSymbolE-Bold12}{-}
197 \DeclareFontShape{U}{MnSymbolF}{m}{n}{
198   <-6> MnSymbolF5
199   <6-7> MnSymbolF6
200   <7-8> MnSymbolF7
201   <8-9> MnSymbolF8
202   <9-10> MnSymbolF9
203   <10-12> MnSymbolF10
204   <12-> MnSymbolF12}{-}
205 \DeclareFontShape{U}{MnSymbolF}{b}{n}{
206   <-6> MnSymbolF-Bold5
207   <6-7> MnSymbolF-Bold6
208   <7-8> MnSymbolF-Bold7
209   <8-9> MnSymbolF-Bold8
210   <9-10> MnSymbolF-Bold9
211   <10-12> MnSymbolF-Bold10
212   <12-> MnSymbolF-Bold12}{-}
213 \DeclareFontShape{OMS}{MnSymbolS}{m}{n}{
214   <-6> MnSymbolS5
215   <6-7> MnSymbolS6
216   <7-8> MnSymbolS7
217   <8-9> MnSymbolS8
218   <9-10> MnSymbolS9
219   <10-12> MnSymbolS10
220   <12-> MnSymbolS12}{-}
221 \DeclareFontShape{OMS}{MnSymbolS}{b}{n}{
222   <-6> MnSymbolS-Bold5
223   <6-7> MnSymbolS-Bold6
224   <7-8> MnSymbolS-Bold7
225   <8-9> MnSymbolS-Bold8
226   <9-10> MnSymbolS-Bold9
227   <10-12> MnSymbolS-Bold10
228   <12-> MnSymbolS-Bold12}{-}
229
230 \Mn@Load@Cal@Font

```

A command to take math symbols from text fonts.

```

231 \def\Mn@Bold{bold}
232 \def\Mn@Text@With@MathVersion#1{
233   \ifx\Mn@Bold\math@version
234     \text{\bfseries#1}%
235   \else
236     \text{\mdseries#1}%
237   \fi}

```

MnSymbolA: arrows.

```

238 \Set@Mn@Sym{0}
239 \Decl@Mn@Char\rightarrow {MnSyA}{\mathrel}
240 \Decl@Mn@Alias\to {MnSyA}{\mathrel}
241 \Decl@Mn@Char\uparrow {MnSyA}{\mathrel}
242 \Decl@Mn@Char\leftarrow {MnSyA}{\mathrel}
243 \Decl@Mn@Alias\gets {MnSyA}{\mathrel}
244 \Decl@Mn@Char\downarrow {MnSyA}{\mathrel}
245 \Decl@Mn@Char\nearrow {MnSyA}{\mathrel}

```

246	<code>\DeclMn@Char\nwarrow</code>	<code>{MnSyA}{\mathrel}</code>
247	<code>\DeclMn@Char\swarrow</code>	<code>{MnSyA}{\mathrel}</code>
248	<code>\DeclMn@Char\searrow</code>	<code>{MnSyA}{\mathrel}</code>
249	<code>\DeclMn@Char\Rightarrow</code>	<code>{MnSyA}{\mathrel}</code>
250	<code>\DeclMn@Char\Uparrow</code>	<code>{MnSyA}{\mathrel}</code>
251	<code>\DeclMn@Char\Leftarrow</code>	<code>{MnSyA}{\mathrel}</code>
252	<code>\DeclMn@Char\Downarrow</code>	<code>{MnSyA}{\mathrel}</code>
253	<code>\DeclMn@Char\Nearrow</code>	<code>{MnSyA}{\mathrel}</code>
254	<code>\DeclMn@Char\Nwarrow</code>	<code>{MnSyA}{\mathrel}</code>
255	<code>\DeclMn@Char\Swarrow</code>	<code>{MnSyA}{\mathrel}</code>
256	<code>\DeclMn@Char\searrow</code>	<code>{MnSyA}{\mathrel}</code>
257	<code>\DeclMn@Char\leftrightharrow</code>	<code>{MnSyA}{\mathrel}</code>
258	<code>\DeclMn@Char\updownarrow</code>	<code>{MnSyA}{\mathrel}</code>
259	<code>\DeclMn@Char\neswarrow</code>	<code>{MnSyA}{\mathrel}</code>
260	<code>\DeclMn@Char\nwsearrow</code>	<code>{MnSyA}{\mathrel}</code>
261	<code>\DeclMn@Char\leftrightharrow</code>	<code>{MnSyA}{\mathrel}</code>
262	<code>\DeclMn@Char\updownarrow</code>	<code>{MnSyA}{\mathrel}</code>
263	<code>\DeclMn@Char\Neswarrow</code>	<code>{MnSyA}{\mathrel}</code>
264	<code>\DeclMn@Char\Nwsearrow</code>	<code>{MnSyA}{\mathrel}</code>
265	<code>\DeclMn@Char\twoheadrightarrow</code>	<code>{MnSyA}{\mathrel}</code>
266	<code>\DeclMn@Char\twoheaduparrow</code>	<code>{MnSyA}{\mathrel}</code>
267	<code>\DeclMn@Char\twoheadleftarrow</code>	<code>{MnSyA}{\mathrel}</code>
268	<code>\DeclMn@Char\twoheaddownarrow</code>	<code>{MnSyA}{\mathrel}</code>
269	<code>\DeclMn@Char\twoheadnearrow</code>	<code>{MnSyA}{\mathrel}</code>
270	<code>\DeclMn@Char\twoheadnwarrow</code>	<code>{MnSyA}{\mathrel}</code>
271	<code>\DeclMn@Char\twoheadswarrow</code>	<code>{MnSyA}{\mathrel}</code>
272	<code>\DeclMn@Char\twoheadsearrow</code>	<code>{MnSyA}{\mathrel}</code>
273	<code>\DeclMn@Char\rightarrowtail</code>	<code>{MnSyA}{\mathrel}</code>
274	<code>\DeclMn@Char\uparrowtail</code>	<code>{MnSyA}{\mathrel}</code>
275	<code>\DeclMn@Char\leftarrowtail</code>	<code>{MnSyA}{\mathrel}</code>
276	<code>\DeclMn@Char\downarrowtail</code>	<code>{MnSyA}{\mathrel}</code>
277	<code>\DeclMn@Char\nearrowtail</code>	<code>{MnSyA}{\mathrel}</code>
278	<code>\DeclMn@Char\nwarrowtail</code>	<code>{MnSyA}{\mathrel}</code>
279	<code>\DeclMn@Char\swarrowtail</code>	<code>{MnSyA}{\mathrel}</code>
280	<code>\DeclMn@Char\searrowtail</code>	<code>{MnSyA}{\mathrel}</code>
281	<code>\DeclMn@Char\rightmapsto</code>	<code>{MnSyA}{\mathrel}</code>
282	<code>\DeclMn@Alias\mapsto</code>	<code>{MnSyA}{\mathrel}</code>
283	<code>\DeclMn@Char\upmapsto</code>	<code>{MnSyA}{\mathrel}</code>
284	<code>\DeclMn@Char\leftmapsto</code>	<code>{MnSyA}{\mathrel}</code>
285	<code>\DeclMn@Char\downmapsto</code>	<code>{MnSyA}{\mathrel}</code>
286	<code>\DeclMn@Char\nemapsto</code>	<code>{MnSyA}{\mathrel}</code>
287	<code>\DeclMn@Char\nwmapsto</code>	<code>{MnSyA}{\mathrel}</code>
288	<code>\DeclMn@Char\swmapsto</code>	<code>{MnSyA}{\mathrel}</code>
289	<code>\DeclMn@Char\semapsto</code>	<code>{MnSyA}{\mathrel}</code>
290	<code>\DeclMn@Char\hookrightarrow</code>	<code>{MnSyA}{\mathrel}</code>
291	<code>\DeclMn@Alias\hookrightarrow</code>	<code>{MnSyA}{\mathrel}</code>
292	<code>\DeclMn@Char\hookuparrow</code>	<code>{MnSyA}{\mathrel}</code>
293	<code>\DeclMn@Char\hookleftarrow</code>	<code>{MnSyA}{\mathrel}</code>
294	<code>\DeclMn@Char\hookdownarrow</code>	<code>{MnSyA}{\mathrel}</code>
295	<code>\DeclMn@Char\hooknearrow</code>	<code>{MnSyA}{\mathrel}</code>
296	<code>\DeclMn@Char\hooknwarrow</code>	<code>{MnSyA}{\mathrel}</code>
297	<code>\DeclMn@Char\hookswarrow</code>	<code>{MnSyA}{\mathrel}</code>
298	<code>\DeclMn@Char\hooksearrow</code>	<code>{MnSyA}{\mathrel}</code>
299	<code>\DeclMn@Char\rhookrightarrow</code>	<code>{MnSyA}{\mathrel}</code>

300	<code>\Decl\Mn@Char\rhookuparrow</code>	<code>{MnSyA}{\mathrel}</code>
301	<code>\Decl\Mn@Char\rhookleftarrow</code>	<code>{MnSyA}{\mathrel}</code>
302	<code>\Decl\Mn@Alias\hookleftarrow</code>	<code>{MnSyA}{\mathrel}</code>
303	<code>\Decl\Mn@Char\rhookdownarrow</code>	<code>{MnSyA}{\mathrel}</code>
304	<code>\Decl\Mn@Char\rhooknearrow</code>	<code>{MnSyA}{\mathrel}</code>
305	<code>\Decl\Mn@Char\rhooknwarrow</code>	<code>{MnSyA}{\mathrel}</code>
306	<code>\Decl\Mn@Char\rhookswarrow</code>	<code>{MnSyA}{\mathrel}</code>
307	<code>\Decl\Mn@Char\rhooksearrow</code>	<code>{MnSyA}{\mathrel}</code>
308	<code>\Decl\Mn@Char\rightharpoonccw</code>	<code>{MnSyA}{\mathrel}</code>
309	<code>\Decl\Mn@Alias\rightharpoonup</code>	<code>{MnSyA}{\mathrel}</code>
310	<code>\Decl\Mn@Char\upharpoonccw</code>	<code>{MnSyA}{\mathrel}</code>
311	<code>\Decl\Mn@Alias\upharpoonleft</code>	<code>{MnSyA}{\mathrel}</code>
312	<code>\Decl\Mn@Char\leftharpoonccw</code>	<code>{MnSyA}{\mathrel}</code>
313	<code>\Decl\Mn@Alias\leftharpoondown</code>	<code>{MnSyA}{\mathrel}</code>
314	<code>\Decl\Mn@Char\downharpoonccw</code>	<code>{MnSyA}{\mathrel}</code>
315	<code>\Decl\Mn@Alias\downharpoonright</code>	<code>{MnSyA}{\mathrel}</code>
316	<code>\Decl\Mn@Char\neharpoonccw</code>	<code>{MnSyA}{\mathrel}</code>
317	<code>\Decl\Mn@Char\nwharpoonccw</code>	<code>{MnSyA}{\mathrel}</code>
318	<code>\Decl\Mn@Char\swharpoonccw</code>	<code>{MnSyA}{\mathrel}</code>
319	<code>\Decl\Mn@Char\seharpoonccw</code>	<code>{MnSyA}{\mathrel}</code>
320	<code>\Decl\Mn@Char\rightharpooncw</code>	<code>{MnSyA}{\mathrel}</code>
321	<code>\Decl\Mn@Alias\rightharpoondown</code>	<code>{MnSyA}{\mathrel}</code>
322	<code>\Decl\Mn@Char\upharpooncw</code>	<code>{MnSyA}{\mathrel}</code>
323	<code>\Decl\Mn@Alias\upharpoonright</code>	<code>{MnSyA}{\mathrel}</code>
324	<code>\Decl\Mn@Alias\restriction</code>	<code>{MnSyA}{\mathrel}</code>
325	<code>\Decl\Mn@Char\leftharpooncw</code>	<code>{MnSyA}{\mathrel}</code>
326	<code>\Decl\Mn@Alias\leftharpoonup</code>	<code>{MnSyA}{\mathrel}</code>
327	<code>\Decl\Mn@Char\downharpooncw</code>	<code>{MnSyA}{\mathrel}</code>
328	<code>\Decl\Mn@Alias\downharpoonleft</code>	<code>{MnSyA}{\mathrel}</code>
329	<code>\Decl\Mn@Char\neharpooncw</code>	<code>{MnSyA}{\mathrel}</code>
330	<code>\Decl\Mn@Char\nwharpooncw</code>	<code>{MnSyA}{\mathrel}</code>
331	<code>\Decl\Mn@Char\swharpooncw</code>	<code>{MnSyA}{\mathrel}</code>
332	<code>\Decl\Mn@Char\seharpooncw</code>	<code>{MnSyA}{\mathrel}</code>
333	<code>\Decl\Mn@Char\leftrightharpoonupdown</code>	<code>{MnSyA}{\mathrel}</code>
334	<code>\Decl\Mn@Char\updownharpoonleftright</code>	<code>{MnSyA}{\mathrel}</code>
335	<code>\Decl\Mn@Char\neswharpoonnwse</code>	<code>{MnSyA}{\mathrel}</code>
336	<code>\Decl\Mn@Char\nwseharpoonnesw</code>	<code>{MnSyA}{\mathrel}</code>
337	<code>\Decl\Mn@Char\leftrightharpoondownup</code>	<code>{MnSyA}{\mathrel}</code>
338	<code>\Decl\Mn@Char\updownharpoonrightleft</code>	<code>{MnSyA}{\mathrel}</code>
339	<code>\Decl\Mn@Char\neswharpoonsenw</code>	<code>{MnSyA}{\mathrel}</code>
340	<code>\Decl\Mn@Char\nwseharpoonswne</code>	<code>{MnSyA}{\mathrel}</code>
341	<code>\Decl\Mn@Char\rightleftharpoons</code>	<code>{MnSyA}{\mathrel}</code>
342	<code>\Decl\Mn@Char\updownharpoons</code>	<code>{MnSyA}{\mathrel}</code>
343	<code>\Decl\Mn@Char\neswharpoons</code>	<code>{MnSyA}{\mathrel}</code>
344	<code>\Decl\Mn@Char\senwharpoons</code>	<code>{MnSyA}{\mathrel}</code>
345	<code>\Decl\Mn@Char\leftrightharpoons</code>	<code>{MnSyA}{\mathrel}</code>
346	<code>\Decl\Mn@Char\downupharpoons</code>	<code>{MnSyA}{\mathrel}</code>
347	<code>\Decl\Mn@Char\swneharpoons</code>	<code>{MnSyA}{\mathrel}</code>
348	<code>\Decl\Mn@Char\nwseharpoons</code>	<code>{MnSyA}{\mathrel}</code>
349	<code>\Decl\Mn@Char\dashedrightarrow</code>	<code>{MnSyA}{\mathrel}</code>
350	<code>\Decl\Mn@Alias\dashrightarrow</code>	<code>{MnSyA}{\mathrel}</code>
351	<code>\Decl\Mn@Alias\dasharrow</code>	<code>{MnSyA}{\mathrel}</code>
352	<code>\Decl\Mn@Char\dasheduparrow</code>	<code>{MnSyA}{\mathrel}</code>
353	<code>\Decl\Mn@Char\dashedleftarrow</code>	<code>{MnSyA}{\mathrel}</code>

354	<code>\DeclMn@Alias\dashleftarrow</code>	<code>{MnSyA}{\mathrel}</code>
355	<code>\DeclMn@Char\dasheddownarrow</code>	<code>{MnSyA}{\mathrel}</code>
356	<code>\DeclMn@Char\dashednearrow</code>	<code>{MnSyA}{\mathrel}</code>
357	<code>\DeclMn@Char\dashednwarrow</code>	<code>{MnSyA}{\mathrel}</code>
358	<code>\DeclMn@Char\dashedswarrow</code>	<code>{MnSyA}{\mathrel}</code>
359	<code>\DeclMn@Char\dashedsearrow</code>	<code>{MnSyA}{\mathrel}</code>
360	<code>\DeclMn@Char\rightspoon</code>	<code>{MnSyA}{\mathrel}</code>
361	<code>\DeclMn@Alias\multimap</code>	<code>{MnSyA}{\mathrel}</code>
362	<code>\DeclMn@Char\upspoon</code>	<code>{MnSyA}{\mathrel}</code>
363	<code>\DeclMn@Char\leftspoon</code>	<code>{MnSyA}{\mathrel}</code>
364	<code>\DeclMn@Char\downspoon</code>	<code>{MnSyA}{\mathrel}</code>
365	<code>\DeclMn@Char\nespoon</code>	<code>{MnSyA}{\mathrel}</code>
366	<code>\DeclMn@Char\nwspoon</code>	<code>{MnSyA}{\mathrel}</code>
367	<code>\DeclMn@Char\swspoon</code>	<code>{MnSyA}{\mathrel}</code>
368	<code>\DeclMn@Char\sespoon</code>	<code>{MnSyA}{\mathrel}</code>
369	<code>\DeclMn@Char\rightfilledspoon</code>	<code>{MnSyA}{\mathrel}</code>
370	<code>\DeclMn@Char\upfilledspoon</code>	<code>{MnSyA}{\mathrel}</code>
371	<code>\DeclMn@Char\leftfilledspoon</code>	<code>{MnSyA}{\mathrel}</code>
372	<code>\DeclMn@Char\downfilledspoon</code>	<code>{MnSyA}{\mathrel}</code>
373	<code>\DeclMn@Char\nefilledspoon</code>	<code>{MnSyA}{\mathrel}</code>
374	<code>\DeclMn@Char\nwfilledspoon</code>	<code>{MnSyA}{\mathrel}</code>
375	<code>\DeclMn@Char\swfilledspoon</code>	<code>{MnSyA}{\mathrel}</code>
376	<code>\DeclMn@Char\sefilledspoon</code>	<code>{MnSyA}{\mathrel}</code>
377	<code>\DeclMn@Char\rightfootline</code>	<code>{MnSyA}{\mathrel}</code>
378	<code>\DeclMn@Char\upfootline</code>	<code>{MnSyA}{\mathrel}</code>
379	<code>\DeclMn@Char\leftfootline</code>	<code>{MnSyA}{\mathrel}</code>
380	<code>\DeclMn@Char\downfootline</code>	<code>{MnSyA}{\mathrel}</code>
381	<code>\DeclMn@Char\nefootline</code>	<code>{MnSyA}{\mathrel}</code>
382	<code>\DeclMn@Char\nwfootline</code>	<code>{MnSyA}{\mathrel}</code>
383	<code>\DeclMn@Char\swfootline</code>	<code>{MnSyA}{\mathrel}</code>
384	<code>\DeclMn@Char\sefootline</code>	<code>{MnSyA}{\mathrel}</code>
385	<code>\DeclMn@Char\rightfree</code>	<code>{MnSyA}{\mathrel}</code>
386	<code>\DeclMn@Char\upfree</code>	<code>{MnSyA}{\mathrel}</code>
387	<code>\DeclMn@Char\leftfree</code>	<code>{MnSyA}{\mathrel}</code>
388	<code>\DeclMn@Char\downfree</code>	<code>{MnSyA}{\mathrel}</code>
389	<code>\DeclMn@Char\nefree</code>	<code>{MnSyA}{\mathrel}</code>
390	<code>\DeclMn@Char\nwfree</code>	<code>{MnSyA}{\mathrel}</code>
391	<code>\DeclMn@Char\swfree</code>	<code>{MnSyA}{\mathrel}</code>
392	<code>\DeclMn@Char\sefree</code>	<code>{MnSyA}{\mathrel}</code>
393	<code>\DeclMn@Char\rightpitchfork</code>	<code>{MnSyA}{\mathrel}</code>
394	<code>\DeclMn@Char\uppitchfork</code>	<code>{MnSyA}{\mathrel}</code>
395	<code>\DeclMn@Alias\pitchfork</code>	<code>{MnSyA}{\mathrel}</code>
396	<code>\DeclMn@Char\leftpitchfork</code>	<code>{MnSyA}{\mathrel}</code>
397	<code>\DeclMn@Char\downpitchfork</code>	<code>{MnSyA}{\mathrel}</code>
398	<code>\DeclMn@Char\nepitchfork</code>	<code>{MnSyA}{\mathrel}</code>
399	<code>\DeclMn@Char\nwpitchfork</code>	<code>{MnSyA}{\mathrel}</code>
400	<code>\DeclMn@Char\swpitchfork</code>	<code>{MnSyA}{\mathrel}</code>
401	<code>\DeclMn@Char\sepitchfork</code>	<code>{MnSyA}{\mathrel}</code>
402	<code>\DeclMn@Char\rightrightarrow</code>	<code>{MnSyA}{\mathrel}</code>
403	<code>\DeclMn@Char\upuparrows</code>	<code>{MnSyA}{\mathrel}</code>
404	<code>\DeclMn@Char\leftleftarrows</code>	<code>{MnSyA}{\mathrel}</code>
405	<code>\DeclMn@Char\downrightarrow</code>	<code>{MnSyA}{\mathrel}</code>
406	<code>\DeclMn@Char\nearrow</code>	<code>{MnSyA}{\mathrel}</code>
407	<code>\DeclMn@Char\newrightarrow</code>	<code>{MnSyA}{\mathrel}</code>

408	<code>\DeclMn@Char\swswarrows</code>	<code>{MnSyA}{\mathrel}</code>
409	<code>\DeclMn@Char\sesearrows</code>	<code>{MnSyA}{\mathrel}</code>
410	<code>\DeclMn@Char\rightleftarrows</code>	<code>{MnSyA}{\mathrel}</code>
411	<code>\DeclMn@Char\updownarrows</code>	<code>{MnSyA}{\mathrel}</code>
412	<code>\DeclMn@Char\neswarrows</code>	<code>{MnSyA}{\mathrel}</code>
413	<code>\DeclMn@Char\nwsearrows</code>	<code>{MnSyA}{\mathrel}</code>
414	<code>\DeclMn@Char\leftrightharrows</code>	<code>{MnSyA}{\mathrel}</code>
415	<code>\DeclMn@Char\downuparrows</code>	<code>{MnSyA}{\mathrel}</code>
416	<code>\DeclMn@Char\swnearrows</code>	<code>{MnSyA}{\mathrel}</code>
417	<code>\DeclMn@Char\senwarrows</code>	<code>{MnSyA}{\mathrel}</code>
418	<code>\DeclMn@Char\rightlsquigarrow</code>	<code>{MnSyA}{\mathrel}</code>
419	<code>\DeclMn@Alias\leadsto</code>	<code>{MnSyA}{\mathrel}</code>
420	<code>\DeclMn@Alias\rightrightarrows</code>	<code>{MnSyA}{\mathrel}</code>
421	<code>\DeclMn@Char\uplsquigarrow</code>	<code>{MnSyA}{\mathrel}</code>
422	<code>\DeclMn@Char\leftlsquigarrow</code>	<code>{MnSyA}{\mathrel}</code>
423	<code>\DeclMn@Char\downlsquigarrow</code>	<code>{MnSyA}{\mathrel}</code>
424	<code>\DeclMn@Char\nelsquigarrow</code>	<code>{MnSyA}{\mathrel}</code>
425	<code>\DeclMn@Char\nwlsquigarrow</code>	<code>{MnSyA}{\mathrel}</code>
426	<code>\DeclMn@Char\swlsquigarrow</code>	<code>{MnSyA}{\mathrel}</code>
427	<code>\DeclMn@Char\selsquigarrow</code>	<code>{MnSyA}{\mathrel}</code>
428	<code>\DeclMn@Char\righttrsquigarrow</code>	<code>{MnSyA}{\mathrel}</code>
429	<code>\DeclMn@Char\uprsquigarrow</code>	<code>{MnSyA}{\mathrel}</code>
430	<code>\DeclMn@Char\leftrsquigarrow</code>	<code>{MnSyA}{\mathrel}</code>
431	<code>\DeclMn@Char\downrsquigarrow</code>	<code>{MnSyA}{\mathrel}</code>
432	<code>\DeclMn@Char\nersquigarrow</code>	<code>{MnSyA}{\mathrel}</code>
433	<code>\DeclMn@Char\nwrsquigarrow</code>	<code>{MnSyA}{\mathrel}</code>
434	<code>\DeclMn@Char\swrsquigarrow</code>	<code>{MnSyA}{\mathrel}</code>
435	<code>\DeclMn@Char\sersquigarrow</code>	<code>{MnSyA}{\mathrel}</code>
436	<code>\DeclMn@Char\squigarrowleftright</code>	<code>{MnSyA}{\mathrel}</code>
437	<code>\DeclMn@Alias\leftrightsquigarrow</code>	<code>{MnSyA}{\mathrel}</code>
438	<code>\DeclMn@Char\squigarrowupdown</code>	<code>{MnSyA}{\mathrel}</code>
439	<code>\DeclMn@Char\squigarrowrightleft</code>	<code>{MnSyA}{\mathrel}</code>
440	<code>\DeclMn@Char\squigarrowdownup</code>	<code>{MnSyA}{\mathrel}</code>
441	<code>\DeclMn@Char\squigarrownesw</code>	<code>{MnSyA}{\mathrel}</code>
442	<code>\DeclMn@Char\squigarrownwse</code>	<code>{MnSyA}{\mathrel}</code>
443	<code>\DeclMn@Char\squigarrowswne</code>	<code>{MnSyA}{\mathrel}</code>
444	<code>\DeclMn@Char\squigarrowsenw</code>	<code>{MnSyA}{\mathrel}</code>
445	<code>\DeclMn@Char\lcurvearrowright</code>	<code>{MnSyA}{\mathrel}</code>
446	<code>\DeclMn@Alias\curvearrowright</code>	<code>{MnSyA}{\mathrel}</code>
447	<code>\DeclMn@Char\lcurvearrowup</code>	<code>{MnSyA}{\mathrel}</code>
448	<code>\DeclMn@Char\lcurvearrowleft</code>	<code>{MnSyA}{\mathrel}</code>
449	<code>\DeclMn@Char\lcurvearrowdown</code>	<code>{MnSyA}{\mathrel}</code>
450	<code>\DeclMn@Char\lcurvearrowne</code>	<code>{MnSyA}{\mathrel}</code>
451	<code>\DeclMn@Char\lcurvearrownw</code>	<code>{MnSyA}{\mathrel}</code>
452	<code>\DeclMn@Char\lcurvearrowsw</code>	<code>{MnSyA}{\mathrel}</code>
453	<code>\DeclMn@Char\lcurvearrowse</code>	<code>{MnSyA}{\mathrel}</code>
454	<code>\DeclMn@Char\rcurvearrowright</code>	<code>{MnSyA}{\mathrel}</code>
455	<code>\DeclMn@Char\rcurvearrowup</code>	<code>{MnSyA}{\mathrel}</code>
456	<code>\DeclMn@Char\rcurvearrowleft</code>	<code>{MnSyA}{\mathrel}</code>
457	<code>\DeclMn@Alias\curvearrowleft</code>	<code>{MnSyA}{\mathrel}</code>
458	<code>\DeclMn@Char\rcurvearrowdown</code>	<code>{MnSyA}{\mathrel}</code>
459	<code>\DeclMn@Char\rcurvearrowne</code>	<code>{MnSyA}{\mathrel}</code>
460	<code>\DeclMn@Char\rcurvearrownw</code>	<code>{MnSyA}{\mathrel}</code>
461	<code>\DeclMn@Char\rcurvearrowsw</code>	<code>{MnSyA}{\mathrel}</code>

462	<code>\DeclMn@Char\rcurvearrowse</code>	<code>{MnSyA}{\mathrel}</code>
463	<code>\DeclMn@Char\curvearrowleftrigh</code>	<code>{MnSyA}{\mathrel}</code>
464	<code>\DeclMn@Char\curvearrowupdown</code>	<code>{MnSyA}{\mathrel}</code>
465	<code>\DeclMn@Char\curvearrowrightleft</code>	<code>{MnSyA}{\mathrel}</code>
466	<code>\DeclMn@Char\curvearrowdownup</code>	<code>{MnSyA}{\mathrel}</code>
467	<code>\DeclMn@Char\curvearrownesw</code>	<code>{MnSyA}{\mathrel}</code>
468	<code>\DeclMn@Char\curvearrownwse</code>	<code>{MnSyA}{\mathrel}</code>
469	<code>\DeclMn@Char\curvearrowswne</code>	<code>{MnSyA}{\mathrel}</code>
470	<code>\DeclMn@Char\curvearrowsenw</code>	<code>{MnSyA}{\mathrel}</code>
471	<code>\DeclMn@Char\leftrightrightline</code>	<code>{MnSyA}{\mathrel}</code>
472	<code>\DeclMn@Alias\relbar</code>	<code>{MnSyA}{\mathrel}</code>
473	<code>\DeclMn@Char\updownline</code>	<code>{MnSyA}{\mathrel}</code>
474	<code>\DeclMn@Alias\divides</code>	<code>{MnSyA}{\mathrel}</code>
475	<code>\DeclMn@Char\neswline</code>	<code>{MnSyA}{\mathrel}</code>
476	<code>\DeclMn@Alias\diagup</code>	<code>{MnSyA}{\mathrel}</code>
477	<code>\DeclMn@Char\nwseline</code>	<code>{MnSyA}{\mathrel}</code>
478	<code>\DeclMn@Alias\diagdown</code>	<code>{MnSyA}{\mathrel}</code>
479	<code>\DeclMn@Char\Leftrightarrow</code>	<code>{MnSyA}{\mathrel}</code>
480	<code>\DeclMn@Alias\Relbar</code>	<code>{MnSyA}{\mathrel}</code>
481	<code>\DeclMn@Char\Updownline</code>	<code>{MnSyA}{\mathrel}</code>
482	<code>\DeclMn@Alias\parallel</code>	<code>{MnSyA}{\mathrel}</code>
483	<code>\DeclMn@Char\Neswline</code>	<code>{MnSyA}{\mathrel}</code>
484	<code>\DeclMn@Char\Nwseline</code>	<code>{MnSyA}{\mathrel}</code>
485	<code>\DeclMn@Char\rightvdash</code>	<code>{MnSyA}{\mathrel}</code>
486	<code>\DeclMn@Alias\vdash</code>	<code>{MnSyA}{\mathrel}</code>
487	<code>\DeclMn@Char\upvdash</code>	<code>{MnSyA}{\mathrel}</code>
488	<code>\DeclMn@Alias\perp</code>	<code>{MnSyA}{\mathrel}</code>
489	<code>\DeclMn@Char\leftvdash</code>	<code>{MnSyA}{\mathrel}</code>
490	<code>\DeclMn@Alias\dashv</code>	<code>{MnSyA}{\mathrel}</code>
491	<code>\DeclMn@Char\downvdash</code>	<code>{MnSyA}{\mathrel}</code>
492	<code>\DeclMn@Char\nevdash</code>	<code>{MnSyA}{\mathrel}</code>
493	<code>\DeclMn@Char\nwvdash</code>	<code>{MnSyA}{\mathrel}</code>
494	<code>\DeclMn@Char\swvdash</code>	<code>{MnSyA}{\mathrel}</code>
495	<code>\DeclMn@Char\sevdash</code>	<code>{MnSyA}{\mathrel}</code>
496	<code>\DeclMn@Char\rightmodels</code>	<code>{MnSyA}{\mathrel}</code>
497	<code>\DeclMn@Alias\models</code>	<code>{MnSyA}{\mathrel}</code>
498	<code>\DeclMn@Alias\vdash</code>	<code>{MnSyA}{\mathrel}</code>
499	<code>\DeclMn@Char\upmodels</code>	<code>{MnSyA}{\mathrel}</code>
500	<code>\DeclMn@Char\leftmodels</code>	<code>{MnSyA}{\mathrel}</code>
501	<code>\DeclMn@Char\downmodels</code>	<code>{MnSyA}{\mathrel}</code>
502	<code>\DeclMn@Char\nemodels</code>	<code>{MnSyA}{\mathrel}</code>
503	<code>\DeclMn@Char\nwmodels</code>	<code>{MnSyA}{\mathrel}</code>
504	<code>\DeclMn@Char\swmodels</code>	<code>{MnSyA}{\mathrel}</code>
505	<code>\DeclMn@Char\semodels</code>	<code>{MnSyA}{\mathrel}</code>
506	<code>\DeclMn@Char\rightVdash</code>	<code>{MnSyA}{\mathrel}</code>
507	<code>\DeclMn@Alias\VDash</code>	<code>{MnSyA}{\mathrel}</code>
508	<code>\DeclMn@Char\upVdash</code>	<code>{MnSyA}{\mathrel}</code>
509	<code>\DeclMn@Char\leftVdash</code>	<code>{MnSyA}{\mathrel}</code>
510	<code>\DeclMn@Char\downVdash</code>	<code>{MnSyA}{\mathrel}</code>
511	<code>\DeclMn@Char\neVdash</code>	<code>{MnSyA}{\mathrel}</code>
512	<code>\DeclMn@Char\nwVdash</code>	<code>{MnSyA}{\mathrel}</code>
513	<code>\DeclMn@Char\swVdash</code>	<code>{MnSyA}{\mathrel}</code>
514	<code>\DeclMn@Char\seVdash</code>	<code>{MnSyA}{\mathrel}</code>
515	<code>\DeclMn@Char\rightModels</code>	<code>{MnSyA}{\mathrel}</code>

```

516 \Decl@Mn@Alias\VDash {MnSyA}{\mathrel}
517 \Decl@Mn@Char\upModels {MnSyA}{\mathrel}
518 \Decl@Mn@Char\leftModels {MnSyA}{\mathrel}
519 \Decl@Mn@Char\downModels {MnSyA}{\mathrel}
520 \Decl@Mn@Char\neModels {MnSyA}{\mathrel}
521 \Decl@Mn@Char\nwModels {MnSyA}{\mathrel}
522 \Decl@Mn@Char\swModels {MnSyA}{\mathrel}
523 \Decl@Mn@Char\seModels {MnSyA}{\mathrel}
524 \Decl@Mn@Char\rcirclearrowright {MnSyA}{\mathrel}
525 \Decl@Mn@Char\rcirclearrowup {MnSyA}{\mathrel}
526 \Decl@Mn@Alias\circlearrowleft {MnSyA}{\mathrel}
527 \Decl@Mn@Char\rcirclearrowleft {MnSyA}{\mathrel}
528 \Decl@Mn@Char\rcirclearrowdown {MnSyA}{\mathrel}
529 \Decl@Mn@Char\lcirclearrowright {MnSyA}{\mathrel}
530 \Decl@Mn@Char\lcirclearrowup {MnSyA}{\mathrel}
531 \Decl@Mn@Alias\circlearrowright {MnSyA}{\mathrel}
532 \Decl@Mn@Char\lcirclearrowleft {MnSyA}{\mathrel}
533 \Decl@Mn@Char\lcirclearrowdown {MnSyA}{\mathrel}
534
535 \let\joinrel\undefined
536 \DeclareRobustCommand\joinrel{\mathrel{\mkern-3.1mu}}
537 \DeclareRobustCommand\longrightarrow{\DOTSB\leftarrow\joinrel\rightarrow}
538 \DeclareRobustCommand\longleftarrow{\DOTSB\leftarrow\joinrel\leftarrow}
539 \DeclareRobustCommand\longleftrightarrow{\DOTSB\leftarrow\joinrel\rightarrow}
540 \DeclareRobustCommand\Longrightarrow{\DOTSB\leftarrow\joinrel\rightarrow}
541 \DeclareRobustCommand\Longleftarrow{\DOTSB\leftarrow\joinrel\leftarrow}
542 \DeclareRobustCommand\Longleftrightarrow{\DOTSB\leftarrow\joinrel\rightarrow}
543 \DeclareRobustCommand\longmapsto{\DOTSB\leftarrow\joinrel\rightarrow}
544 \DeclareRobustCommand\emptyfilledspoon{\DOTSB\leftarrow\mkern-14mu\rightarrow}
545 \DeclareRobustCommand\filledemptyspoon{\DOTSB\leftarrow\mkern-14mu\rightarrow}
546 \DeclareRobustCommand\largeemptyfilledspoon{\DOTSB\mathrel{\circ\mkern-8mu\relbar\mkern-8mu\bullet}}
547 \DeclareRobustCommand\largefilledemptyspoon{\DOTSB\mathrel{\bullet\mkern-8mu\relbar\mkern-8mu\circ}}

MnSymbolB: stroked arrows.
548 \Set@Mn@Sym{0}
549 \Decl@Mn@Char\nrightarrow {MnSyB}{\mathrel}
550 \Decl@Mn@Alias\nto {MnSyB}{\mathrel}
551 \Decl@Mn@Char\nuparrow {MnSyB}{\mathrel}
552 \Decl@Mn@Char\nleftarrow {MnSyB}{\mathrel}
553 \Decl@Mn@Alias\ngets {MnSyB}{\mathrel}
554 \Decl@Mn@Char\ndownarrow {MnSyB}{\mathrel}
555 \Decl@Mn@Char\nnearrow {MnSyB}{\mathrel}
556 \Decl@Mn@Char\nnwarrow {MnSyB}{\mathrel}
557 \Decl@Mn@Char\nswarrow {MnSyB}{\mathrel}
558 \Decl@Mn@Char\nsearrow {MnSyB}{\mathrel}
559 \Decl@Mn@Char\nRightarrow {MnSyB}{\mathrel}
560 \Decl@Mn@Char\nUparrow {MnSyB}{\mathrel}
561 \Decl@Mn@Char\nLeftarrow {MnSyB}{\mathrel}
562 \Decl@Mn@Char\nDownarrow {MnSyB}{\mathrel}
563 \Decl@Mn@Char\nNearrow {MnSyB}{\mathrel}
564 \Decl@Mn@Char\nNwarrow {MnSyB}{\mathrel}
565 \Decl@Mn@Char\nSwarrow {MnSyB}{\mathrel}
566 \Decl@Mn@Char\nSearrow {MnSyB}{\mathrel}
567 \Decl@Mn@Char\nleftrightharpoon {MnSyB}{\mathrel}
568 \Decl@Mn@Char\nupdownarrow {MnSyB}{\mathrel}

```

569	<code>\DeclMn@Char\nneswarrow</code>	<code>{MnSyB}{\mathrel}</code>
570	<code>\DeclMn@Char\nnwsearrow</code>	<code>{MnSyB}{\mathrel}</code>
571	<code>\DeclMn@Char\nLeftrightarrow</code>	<code>{MnSyB}{\mathrel}</code>
572	<code>\DeclMn@Char\nUpdownarrow</code>	<code>{MnSyB}{\mathrel}</code>
573	<code>\DeclMn@Char\nNeswarrow</code>	<code>{MnSyB}{\mathrel}</code>
574	<code>\DeclMn@Char\nNwsearrow</code>	<code>{MnSyB}{\mathrel}</code>
575	<code>\DeclMn@Char\ntwoheadrightarrow</code>	<code>{MnSyB}{\mathrel}</code>
576	<code>\DeclMn@Char\ntwoheaduparrow</code>	<code>{MnSyB}{\mathrel}</code>
577	<code>\DeclMn@Char\ntwoheadleftarrow</code>	<code>{MnSyB}{\mathrel}</code>
578	<code>\DeclMn@Char\ntwoheaddownarrow</code>	<code>{MnSyB}{\mathrel}</code>
579	<code>\DeclMn@Char\ntwoheadnearrow</code>	<code>{MnSyB}{\mathrel}</code>
580	<code>\DeclMn@Char\ntwoheadnwarrow</code>	<code>{MnSyB}{\mathrel}</code>
581	<code>\DeclMn@Char\ntwoheadswarrow</code>	<code>{MnSyB}{\mathrel}</code>
582	<code>\DeclMn@Char\ntwoheadsearrow</code>	<code>{MnSyB}{\mathrel}</code>
583	<code>\DeclMn@Char\nrightarrowtail</code>	<code>{MnSyB}{\mathrel}</code>
584	<code>\DeclMn@Char\nuparrowtail</code>	<code>{MnSyB}{\mathrel}</code>
585	<code>\DeclMn@Char\nleftarrowtail</code>	<code>{MnSyB}{\mathrel}</code>
586	<code>\DeclMn@Char\ndownarrowtail</code>	<code>{MnSyB}{\mathrel}</code>
587	<code>\DeclMn@Char\nnearrowtail</code>	<code>{MnSyB}{\mathrel}</code>
588	<code>\DeclMn@Char\nnwarrowtail</code>	<code>{MnSyB}{\mathrel}</code>
589	<code>\DeclMn@Char\nswarrowtail</code>	<code>{MnSyB}{\mathrel}</code>
590	<code>\DeclMn@Char\nsearrowtail</code>	<code>{MnSyB}{\mathrel}</code>
591	<code>\DeclMn@Char\nrightmapsto</code>	<code>{MnSyB}{\mathrel}</code>
592	<code>\DeclMn@Alias\nmapsto</code>	<code>{MnSyB}{\mathrel}</code>
593	<code>\DeclMn@Char\nupmapsto</code>	<code>{MnSyB}{\mathrel}</code>
594	<code>\DeclMn@Char\nleftmapsto</code>	<code>{MnSyB}{\mathrel}</code>
595	<code>\DeclMn@Char\ndownmapsto</code>	<code>{MnSyB}{\mathrel}</code>
596	<code>\DeclMn@Char\nnemapsto</code>	<code>{MnSyB}{\mathrel}</code>
597	<code>\DeclMn@Char\nnwmapsto</code>	<code>{MnSyB}{\mathrel}</code>
598	<code>\DeclMn@Char\nswmapsto</code>	<code>{MnSyB}{\mathrel}</code>
599	<code>\DeclMn@Char\nsemapsto</code>	<code>{MnSyB}{\mathrel}</code>
600	<code>\DeclMn@Char\nlhookrightarrow</code>	<code>{MnSyB}{\mathrel}</code>
601	<code>\DeclMn@Alias\nhookrightarrow</code>	<code>{MnSyB}{\mathrel}</code>
602	<code>\DeclMn@Char\nlhookuparrow</code>	<code>{MnSyB}{\mathrel}</code>
603	<code>\DeclMn@Char\nlhookleftarrow</code>	<code>{MnSyB}{\mathrel}</code>
604	<code>\DeclMn@Char\nlhookdownarrow</code>	<code>{MnSyB}{\mathrel}</code>
605	<code>\DeclMn@Char\nlhooknearrow</code>	<code>{MnSyB}{\mathrel}</code>
606	<code>\DeclMn@Char\nlhooknwarrow</code>	<code>{MnSyB}{\mathrel}</code>
607	<code>\DeclMn@Char\nlhookswarrow</code>	<code>{MnSyB}{\mathrel}</code>
608	<code>\DeclMn@Char\nlhooksearrow</code>	<code>{MnSyB}{\mathrel}</code>
609	<code>\DeclMn@Char\nrhookrightarrow</code>	<code>{MnSyB}{\mathrel}</code>
610	<code>\DeclMn@Char\nrhookuparrow</code>	<code>{MnSyB}{\mathrel}</code>
611	<code>\DeclMn@Char\nrhookleftarrow</code>	<code>{MnSyB}{\mathrel}</code>
612	<code>\DeclMn@Alias\nhookleftarrow</code>	<code>{MnSyB}{\mathrel}</code>
613	<code>\DeclMn@Char\nrhookdownarrow</code>	<code>{MnSyB}{\mathrel}</code>
614	<code>\DeclMn@Char\nrhooknearrow</code>	<code>{MnSyB}{\mathrel}</code>
615	<code>\DeclMn@Char\nrhooknwarrow</code>	<code>{MnSyB}{\mathrel}</code>
616	<code>\DeclMn@Char\nrhookswarrow</code>	<code>{MnSyB}{\mathrel}</code>
617	<code>\DeclMn@Char\nrhooksearrow</code>	<code>{MnSyB}{\mathrel}</code>
618	<code>\DeclMn@Char\nrightharpoonccw</code>	<code>{MnSyB}{\mathrel}</code>
619	<code>\DeclMn@Alias\nrightharpoonup</code>	<code>{MnSyB}{\mathrel}</code>
620	<code>\DeclMn@Char\nupharpoonccw</code>	<code>{MnSyB}{\mathrel}</code>
621	<code>\DeclMn@Alias\nupharpoonleft</code>	<code>{MnSyB}{\mathrel}</code>
622	<code>\DeclMn@Char\nleftharpoonccw</code>	<code>{MnSyB}{\mathrel}</code>

623	<code>\DeclMn@Alias\lleftharpoondown</code>	<code>{MnSyB}{\mathrel}</code>
624	<code>\DeclMn@Char\downharpoonccw</code>	<code>{MnSyB}{\mathrel}</code>
625	<code>\DeclMn@Alias\downharpoonright</code>	<code>{MnSyB}{\mathrel}</code>
626	<code>\DeclMn@Char\neharpoonccw</code>	<code>{MnSyB}{\mathrel}</code>
627	<code>\DeclMn@Char\nwharpoonccw</code>	<code>{MnSyB}{\mathrel}</code>
628	<code>\DeclMn@Char\nsharpoonccw</code>	<code>{MnSyB}{\mathrel}</code>
629	<code>\DeclMn@Char\nseharpoonccw</code>	<code>{MnSyB}{\mathrel}</code>
630	<code>\DeclMn@Char\nrightharpooncw</code>	<code>{MnSyB}{\mathrel}</code>
631	<code>\DeclMn@Alias\nrightharpoondown</code>	<code>{MnSyB}{\mathrel}</code>
632	<code>\DeclMn@Char\nupharpooncw</code>	<code>{MnSyB}{\mathrel}</code>
633	<code>\DeclMn@Alias\nupharpoonright</code>	<code>{MnSyB}{\mathrel}</code>
634	<code>\DeclMn@Alias\nrestriction</code>	<code>{MnSyB}{\mathrel}</code>
635	<code>\DeclMn@Char\lleftharpooncw</code>	<code>{MnSyB}{\mathrel}</code>
636	<code>\DeclMn@Alias\lleftharpoonup</code>	<code>{MnSyB}{\mathrel}</code>
637	<code>\DeclMn@Char\downharpooncw</code>	<code>{MnSyB}{\mathrel}</code>
638	<code>\DeclMn@Alias\downharpoonleft</code>	<code>{MnSyB}{\mathrel}</code>
639	<code>\DeclMn@Char\neharpooncw</code>	<code>{MnSyB}{\mathrel}</code>
640	<code>\DeclMn@Char\nwharpooncw</code>	<code>{MnSyB}{\mathrel}</code>
641	<code>\DeclMn@Char\nsharpooncw</code>	<code>{MnSyB}{\mathrel}</code>
642	<code>\DeclMn@Char\nseharpooncw</code>	<code>{MnSyB}{\mathrel}</code>
643	<code>\DeclMn@Char\leftrightharpoonupdown</code>	<code>{MnSyB}{\mathrel}</code>
644	<code>\DeclMn@Char\nupdownharpoonleftrightarrow</code>	<code>{MnSyB}{\mathrel}</code>
645	<code>\DeclMn@Char\nneswharpoonwse</code>	<code>{MnSyB}{\mathrel}</code>
646	<code>\DeclMn@Char\nnwseharpoonnesw</code>	<code>{MnSyB}{\mathrel}</code>
647	<code>\DeclMn@Char\leftrightharpoondownup</code>	<code>{MnSyB}{\mathrel}</code>
648	<code>\DeclMn@Char\nupdownharpoonrightleft</code>	<code>{MnSyB}{\mathrel}</code>
649	<code>\DeclMn@Char\nneswharpoonsenw</code>	<code>{MnSyB}{\mathrel}</code>
650	<code>\DeclMn@Char\nnwseharpoonswne</code>	<code>{MnSyB}{\mathrel}</code>
651	<code>\DeclMn@Char\nrightleftharpoons</code>	<code>{MnSyB}{\mathrel}</code>
652	<code>\DeclMn@Char\nupdownharpoons</code>	<code>{MnSyB}{\mathrel}</code>
653	<code>\DeclMn@Char\nneswharpoons</code>	<code>{MnSyB}{\mathrel}</code>
654	<code>\DeclMn@Char\nsenwharpoons</code>	<code>{MnSyB}{\mathrel}</code>
655	<code>\DeclMn@Char\leftrightharpoons</code>	<code>{MnSyB}{\mathrel}</code>
656	<code>\DeclMn@Char\downupharpoons</code>	<code>{MnSyB}{\mathrel}</code>
657	<code>\DeclMn@Char\nswseharpoons</code>	<code>{MnSyB}{\mathrel}</code>
658	<code>\DeclMn@Char\nnwseharpoons</code>	<code>{MnSyB}{\mathrel}</code>
659	<code>\DeclMn@Char\ndashedrightarrow</code>	<code>{MnSyB}{\mathrel}</code>
660	<code>\DeclMn@Alias\ndashrightarrow</code>	<code>{MnSyB}{\mathrel}</code>
661	<code>\DeclMn@Alias\ndasharrow</code>	<code>{MnSyB}{\mathrel}</code>
662	<code>\DeclMn@Char\ndasheduparrow</code>	<code>{MnSyB}{\mathrel}</code>
663	<code>\DeclMn@Char\ndashedleftarrow</code>	<code>{MnSyB}{\mathrel}</code>
664	<code>\DeclMn@Alias\ndashleftarrow</code>	<code>{MnSyB}{\mathrel}</code>
665	<code>\DeclMn@Char\ndasheddownarrow</code>	<code>{MnSyB}{\mathrel}</code>
666	<code>\DeclMn@Char\ndashednearrow</code>	<code>{MnSyB}{\mathrel}</code>
667	<code>\DeclMn@Char\ndashednwarrow</code>	<code>{MnSyB}{\mathrel}</code>
668	<code>\DeclMn@Char\ndashedswarrow</code>	<code>{MnSyB}{\mathrel}</code>
669	<code>\DeclMn@Char\ndashedsearrow</code>	<code>{MnSyB}{\mathrel}</code>
670	<code>\DeclMn@Char\nrightspoon</code>	<code>{MnSyB}{\mathrel}</code>
671	<code>\DeclMn@Alias\nmultimap</code>	<code>{MnSyB}{\mathrel}</code>
672	<code>\DeclMn@Char\nupspoon</code>	<code>{MnSyB}{\mathrel}</code>
673	<code>\DeclMn@Char\nleftspoon</code>	<code>{MnSyB}{\mathrel}</code>
674	<code>\DeclMn@Char\downspoon</code>	<code>{MnSyB}{\mathrel}</code>
675	<code>\DeclMn@Char\nnespoon</code>	<code>{MnSyB}{\mathrel}</code>
676	<code>\DeclMn@Char\nnwspoon</code>	<code>{MnSyB}{\mathrel}</code>

677	<code>\Decl\Mn@Char\nswspoon</code>	<code>{MnSyB}{\mathrel}</code>
678	<code>\Decl\Mn@Char\nsespoon</code>	<code>{MnSyB}{\mathrel}</code>
679	<code>\Decl\Mn@Char\nrightfilledspoon</code>	<code>{MnSyB}{\mathrel}</code>
680	<code>\Decl\Mn@Char\nupfilledspoon</code>	<code>{MnSyB}{\mathrel}</code>
681	<code>\Decl\Mn@Char\nleftfilledspoon</code>	<code>{MnSyB}{\mathrel}</code>
682	<code>\Decl\Mn@Char\ndownfilledspoon</code>	<code>{MnSyB}{\mathrel}</code>
683	<code>\Decl\Mn@Char\nnefilledspoon</code>	<code>{MnSyB}{\mathrel}</code>
684	<code>\Decl\Mn@Char\nnwfilledspoon</code>	<code>{MnSyB}{\mathrel}</code>
685	<code>\Decl\Mn@Char\nswfilledspoon</code>	<code>{MnSyB}{\mathrel}</code>
686	<code>\Decl\Mn@Char\nsefilledspoon</code>	<code>{MnSyB}{\mathrel}</code>
687	<code>\Decl\Mn@Char\nrightfootline</code>	<code>{MnSyB}{\mathrel}</code>
688	<code>\Decl\Mn@Char\nupfootline</code>	<code>{MnSyB}{\mathrel}</code>
689	<code>\Decl\Mn@Char\nleftfootline</code>	<code>{MnSyB}{\mathrel}</code>
690	<code>\Decl\Mn@Char\ndownfootline</code>	<code>{MnSyB}{\mathrel}</code>
691	<code>\Decl\Mn@Char\nnefootline</code>	<code>{MnSyB}{\mathrel}</code>
692	<code>\Decl\Mn@Char\nnwfootline</code>	<code>{MnSyB}{\mathrel}</code>
693	<code>\Decl\Mn@Char\nswfootline</code>	<code>{MnSyB}{\mathrel}</code>
694	<code>\Decl\Mn@Char\nsefootline</code>	<code>{MnSyB}{\mathrel}</code>
695	<code>\Decl\Mn@Char\nrightfree</code>	<code>{MnSyB}{\mathrel}</code>
696	<code>\Decl\Mn@Char\nupfree</code>	<code>{MnSyB}{\mathrel}</code>
697	<code>\Decl\Mn@Char\nleftfree</code>	<code>{MnSyB}{\mathrel}</code>
698	<code>\Decl\Mn@Char\ndownfree</code>	<code>{MnSyB}{\mathrel}</code>
699	<code>\Decl\Mn@Char\nnefree</code>	<code>{MnSyB}{\mathrel}</code>
700	<code>\Decl\Mn@Char\nnwfree</code>	<code>{MnSyB}{\mathrel}</code>
701	<code>\Decl\Mn@Char\nswfree</code>	<code>{MnSyB}{\mathrel}</code>
702	<code>\Decl\Mn@Char\nsefree</code>	<code>{MnSyB}{\mathrel}</code>
703	<code>\Decl\Mn@Char\nrightpitchfork</code>	<code>{MnSyB}{\mathrel}</code>
704	<code>\Decl\Mn@Char\nuppitchfork</code>	<code>{MnSyB}{\mathrel}</code>
705	<code>\Decl\Mn@Alias\npitchfork</code>	<code>{MnSyB}{\mathrel}</code>
706	<code>\Decl\Mn@Char\nleftpitchfork</code>	<code>{MnSyB}{\mathrel}</code>
707	<code>\Decl\Mn@Char\ndownpitchfork</code>	<code>{MnSyB}{\mathrel}</code>
708	<code>\Decl\Mn@Char\nnepitchfork</code>	<code>{MnSyB}{\mathrel}</code>
709	<code>\Decl\Mn@Char\nwpitchfork</code>	<code>{MnSyB}{\mathrel}</code>
710	<code>\Decl\Mn@Char\nswpitchfork</code>	<code>{MnSyB}{\mathrel}</code>
711	<code>\Decl\Mn@Char\nsepitchfork</code>	<code>{MnSyB}{\mathrel}</code>
712	<code>\Decl\Mn@Char\nrightrightarrow</code>	<code>{MnSyB}{\mathrel}</code>
713	<code>\Decl\Mn@Char\nupuparrows</code>	<code>{MnSyB}{\mathrel}</code>
714	<code>\Decl\Mn@Char\nleftleftarrows</code>	<code>{MnSyB}{\mathrel}</code>
715	<code>\Decl\Mn@Char\ndowndownarrows</code>	<code>{MnSyB}{\mathrel}</code>
716	<code>\Decl\Mn@Char\nenearrows</code>	<code>{MnSyB}{\mathrel}</code>
717	<code>\Decl\Mn@Char\nwnwarrows</code>	<code>{MnSyB}{\mathrel}</code>
718	<code>\Decl\Mn@Char\nswwarrows</code>	<code>{MnSyB}{\mathrel}</code>
719	<code>\Decl\Mn@Char\nsewarrows</code>	<code>{MnSyB}{\mathrel}</code>
720	<code>\Decl\Mn@Char\nrightleftarrows</code>	<code>{MnSyB}{\mathrel}</code>
721	<code>\Decl\Mn@Char\nupdownarrows</code>	<code>{MnSyB}{\mathrel}</code>
722	<code>\Decl\Mn@Char\neswarrows</code>	<code>{MnSyB}{\mathrel}</code>
723	<code>\Decl\Mn@Char\nnwsearrows</code>	<code>{MnSyB}{\mathrel}</code>
724	<code>\Decl\Mn@Char\nleftrightarrows</code>	<code>{MnSyB}{\mathrel}</code>
725	<code>\Decl\Mn@Char\ndownuparrows</code>	<code>{MnSyB}{\mathrel}</code>
726	<code>\Decl\Mn@Char\nswnearrows</code>	<code>{MnSyB}{\mathrel}</code>
727	<code>\Decl\Mn@Char\nsenwarrows</code>	<code>{MnSyB}{\mathrel}</code>
728	<code>\Decl\Mn@Char\nrightlsquigarrow</code>	<code>{MnSyB}{\mathrel}</code>
729	<code>\Decl\Mn@Alias\nleadsto</code>	<code>{MnSyB}{\mathrel}</code>
730	<code>\Decl\Mn@Alias\nrightsquigarrow</code>	<code>{MnSyB}{\mathrel}</code>

731	<code>\Decl\Mn@Char\nuplsquigarrow</code>	<code>{MnSyB}{\mathrel}</code>
732	<code>\Decl\Mn@Char\nleftlsquigarrow</code>	<code>{MnSyB}{\mathrel}</code>
733	<code>\Decl\Mn@Char\ndownlsquigarrow</code>	<code>{MnSyB}{\mathrel}</code>
734	<code>\Decl\Mn@Char\nnelsquigarrow</code>	<code>{MnSyB}{\mathrel}</code>
735	<code>\Decl\Mn@Char\nnwlsquigarrow</code>	<code>{MnSyB}{\mathrel}</code>
736	<code>\Decl\Mn@Char\nswlsquigarrow</code>	<code>{MnSyB}{\mathrel}</code>
737	<code>\Decl\Mn@Char\nselsquigarrow</code>	<code>{MnSyB}{\mathrel}</code>
738	<code>\Decl\Mn@Char\nrightrsquigarrow</code>	<code>{MnSyB}{\mathrel}</code>
739	<code>\Decl\Mn@Char\nuprsquigarrow</code>	<code>{MnSyB}{\mathrel}</code>
740	<code>\Decl\Mn@Char\nleftrsquigarrow</code>	<code>{MnSyB}{\mathrel}</code>
741	<code>\Decl\Mn@Char\ndownrsquigarrow</code>	<code>{MnSyB}{\mathrel}</code>
742	<code>\Decl\Mn@Char\nnersquigarrow</code>	<code>{MnSyB}{\mathrel}</code>
743	<code>\Decl\Mn@Char\nnwrsquigarrow</code>	<code>{MnSyB}{\mathrel}</code>
744	<code>\Decl\Mn@Char\nswrsquigarrow</code>	<code>{MnSyB}{\mathrel}</code>
745	<code>\Decl\Mn@Char\nsersquigarrow</code>	<code>{MnSyB}{\mathrel}</code>
746	<code>\Decl\Mn@Char\nsquigarrowleftright</code>	<code>{MnSyB}{\mathrel}</code>
747	<code>\Decl\Mn@Alias\nleftrightsquigarrow</code>	<code>{MnSyB}{\mathrel}</code>
748	<code>\Decl\Mn@Char\nsquigarrowupdown</code>	<code>{MnSyB}{\mathrel}</code>
749	<code>\Decl\Mn@Char\nsquigarrowrightleft</code>	<code>{MnSyB}{\mathrel}</code>
750	<code>\Decl\Mn@Char\nsquigarrowdownup</code>	<code>{MnSyB}{\mathrel}</code>
751	<code>\Decl\Mn@Char\nsquigarrownesw</code>	<code>{MnSyB}{\mathrel}</code>
752	<code>\Decl\Mn@Char\nsquigarrownwse</code>	<code>{MnSyB}{\mathrel}</code>
753	<code>\Decl\Mn@Char\nsquigarrowswne</code>	<code>{MnSyB}{\mathrel}</code>
754	<code>\Decl\Mn@Char\nsquigarrowsenw</code>	<code>{MnSyB}{\mathrel}</code>
755	<code>\Decl\Mn@Char\nlcurvearrowright</code>	<code>{MnSyB}{\mathrel}</code>
756	<code>\Decl\Mn@Alias\ncurvearrowright</code>	<code>{MnSyB}{\mathrel}</code>
757	<code>\Decl\Mn@Char\nlcurvearrowup</code>	<code>{MnSyB}{\mathrel}</code>
758	<code>\Decl\Mn@Char\nlcurvearrowleft</code>	<code>{MnSyB}{\mathrel}</code>
759	<code>\Decl\Mn@Char\nlcurvearrowdown</code>	<code>{MnSyB}{\mathrel}</code>
760	<code>\Decl\Mn@Char\nlcurvearrowne</code>	<code>{MnSyB}{\mathrel}</code>
761	<code>\Decl\Mn@Char\nlcurvearrownw</code>	<code>{MnSyB}{\mathrel}</code>
762	<code>\Decl\Mn@Char\nlcurvearrowsw</code>	<code>{MnSyB}{\mathrel}</code>
763	<code>\Decl\Mn@Char\nlcurvearrowse</code>	<code>{MnSyB}{\mathrel}</code>
764	<code>\Decl\Mn@Char\nrcurvearrowright</code>	<code>{MnSyB}{\mathrel}</code>
765	<code>\Decl\Mn@Char\nrcurvearrowup</code>	<code>{MnSyB}{\mathrel}</code>
766	<code>\Decl\Mn@Char\nrcurvearrowleft</code>	<code>{MnSyB}{\mathrel}</code>
767	<code>\Decl\Mn@Alias\ncurvearrowleft</code>	<code>{MnSyB}{\mathrel}</code>
768	<code>\Decl\Mn@Char\nrcurvearrowdown</code>	<code>{MnSyB}{\mathrel}</code>
769	<code>\Decl\Mn@Char\nrcurvearrowne</code>	<code>{MnSyB}{\mathrel}</code>
770	<code>\Decl\Mn@Char\nrcurvearrownw</code>	<code>{MnSyB}{\mathrel}</code>
771	<code>\Decl\Mn@Char\nrcurvearrowsw</code>	<code>{MnSyB}{\mathrel}</code>
772	<code>\Decl\Mn@Char\nrcurvearrowse</code>	<code>{MnSyB}{\mathrel}</code>
773	<code>\Decl\Mn@Char\ncurvearrowleftright</code>	<code>{MnSyB}{\mathrel}</code>
774	<code>\Decl\Mn@Char\ncurvearrowupdown</code>	<code>{MnSyB}{\mathrel}</code>
775	<code>\Decl\Mn@Char\ncurvearrowrightleft</code>	<code>{MnSyB}{\mathrel}</code>
776	<code>\Decl\Mn@Char\ncurvearrowdownup</code>	<code>{MnSyB}{\mathrel}</code>
777	<code>\Decl\Mn@Char\ncurvearrownesw</code>	<code>{MnSyB}{\mathrel}</code>
778	<code>\Decl\Mn@Char\ncurvearrownwse</code>	<code>{MnSyB}{\mathrel}</code>
779	<code>\Decl\Mn@Char\ncurvearrowswne</code>	<code>{MnSyB}{\mathrel}</code>
780	<code>\Decl\Mn@Char\ncurvearrowsenw</code>	<code>{MnSyB}{\mathrel}</code>
781	<code>\Decl\Mn@Char\nleftrightline</code>	<code>{MnSyB}{\mathrel}</code>
782	<code>\Decl\Mn@Alias\nrelbar</code>	<code>{MnSyB}{\mathrel}</code>
783	<code>\Decl\Mn@Char\nupdownline</code>	<code>{MnSyB}{\mathrel}</code>
784	<code>\Decl\Mn@Alias\ndivides</code>	<code>{MnSyB}{\mathrel}</code>

785	<code>\DeclMn@Alias\nmid</code>	<code>{MnSyB}{\mathrel}</code>
786	<code>\DeclMn@Char\nneswline</code>	<code>{MnSyB}{\mathrel}</code>
787	<code>\DeclMn@Alias\ndiagup</code>	<code>{MnSyB}{\mathrel}</code>
788	<code>\DeclMn@Char\nnwseline</code>	<code>{MnSyB}{\mathrel}</code>
789	<code>\DeclMn@Alias\ndiagdown</code>	<code>{MnSyB}{\mathrel}</code>
790	<code>\DeclMn@Char\nLeftrightline</code>	<code>{MnSyB}{\mathrel}</code>
791	<code>\DeclMn@Alias\nRelbar</code>	<code>{MnSyB}{\mathrel}</code>
792	<code>\DeclMn@Char\nUpdownline</code>	<code>{MnSyB}{\mathrel}</code>
793	<code>\DeclMn@Alias\nparallel</code>	<code>{MnSyB}{\mathrel}</code>
794	<code>\DeclMn@Char\nNeswline</code>	<code>{MnSyB}{\mathrel}</code>
795	<code>\DeclMn@Char\nNwseline</code>	<code>{MnSyB}{\mathrel}</code>
796	<code>\DeclMn@Char\nrightvdash</code>	<code>{MnSyB}{\mathrel}</code>
797	<code>\DeclMn@Alias\nvdash</code>	<code>{MnSyB}{\mathrel}</code>
798	<code>\DeclMn@Char\nupvdash</code>	<code>{MnSyB}{\mathrel}</code>
799	<code>\DeclMn@Alias\nperp</code>	<code>{MnSyB}{\mathrel}</code>
800	<code>\DeclMn@Char\nleftvdash</code>	<code>{MnSyB}{\mathrel}</code>
801	<code>\DeclMn@Alias\ndashv</code>	<code>{MnSyB}{\mathrel}</code>
802	<code>\DeclMn@Char\ndownvdash</code>	<code>{MnSyB}{\mathrel}</code>
803	<code>\DeclMn@Char\nnevdash</code>	<code>{MnSyB}{\mathrel}</code>
804	<code>\DeclMn@Char\nnwvdash</code>	<code>{MnSyB}{\mathrel}</code>
805	<code>\DeclMn@Char\nswvdash</code>	<code>{MnSyB}{\mathrel}</code>
806	<code>\DeclMn@Char\nsevdash</code>	<code>{MnSyB}{\mathrel}</code>
807	<code>\DeclMn@Char\nrightmodels</code>	<code>{MnSyB}{\mathrel}</code>
808	<code>\DeclMn@Alias\nmodels</code>	<code>{MnSyB}{\mathrel}</code>
809	<code>\DeclMn@Alias\nvDash</code>	<code>{MnSyB}{\mathrel}</code>
810	<code>\DeclMn@Char\nupmodels</code>	<code>{MnSyB}{\mathrel}</code>
811	<code>\DeclMn@Char\nleftmodels</code>	<code>{MnSyB}{\mathrel}</code>
812	<code>\DeclMn@Char\ndownmodels</code>	<code>{MnSyB}{\mathrel}</code>
813	<code>\DeclMn@Char\nnemodels</code>	<code>{MnSyB}{\mathrel}</code>
814	<code>\DeclMn@Char\nnwmodels</code>	<code>{MnSyB}{\mathrel}</code>
815	<code>\DeclMn@Char\nswmodels</code>	<code>{MnSyB}{\mathrel}</code>
816	<code>\DeclMn@Char\nsemodels</code>	<code>{MnSyB}{\mathrel}</code>
817	<code>\DeclMn@Char\nrightVdash</code>	<code>{MnSyB}{\mathrel}</code>
818	<code>\DeclMn@Alias\nVdash</code>	<code>{MnSyB}{\mathrel}</code>
819	<code>\DeclMn@Char\nupVdash</code>	<code>{MnSyB}{\mathrel}</code>
820	<code>\DeclMn@Char\nleftVdash</code>	<code>{MnSyB}{\mathrel}</code>
821	<code>\DeclMn@Char\ndownVdash</code>	<code>{MnSyB}{\mathrel}</code>
822	<code>\DeclMn@Char\nneVdash</code>	<code>{MnSyB}{\mathrel}</code>
823	<code>\DeclMn@Char\nnwVdash</code>	<code>{MnSyB}{\mathrel}</code>
824	<code>\DeclMn@Char\nswVdash</code>	<code>{MnSyB}{\mathrel}</code>
825	<code>\DeclMn@Char\nseVdash</code>	<code>{MnSyB}{\mathrel}</code>
826	<code>\DeclMn@Char\nrightModels</code>	<code>{MnSyB}{\mathrel}</code>
827	<code>\DeclMn@Alias\nVDash</code>	<code>{MnSyB}{\mathrel}</code>
828	<code>\DeclMn@Char\nupModels</code>	<code>{MnSyB}{\mathrel}</code>
829	<code>\DeclMn@Char\nleftModels</code>	<code>{MnSyB}{\mathrel}</code>
830	<code>\DeclMn@Char\ndownModels</code>	<code>{MnSyB}{\mathrel}</code>
831	<code>\DeclMn@Char\nneModels</code>	<code>{MnSyB}{\mathrel}</code>
832	<code>\DeclMn@Char\nnwModels</code>	<code>{MnSyB}{\mathrel}</code>
833	<code>\DeclMn@Char\nswModels</code>	<code>{MnSyB}{\mathrel}</code>
834	<code>\DeclMn@Char\nseModels</code>	<code>{MnSyB}{\mathrel}</code>
835	<code>\DeclMn@Char\nrcirclearrowright</code>	<code>{MnSyB}{\mathrel}</code>
836	<code>\DeclMn@Char\nrcirclearrowup</code>	<code>{MnSyB}{\mathrel}</code>
837	<code>\DeclMn@Alias\ncirclearrowleft</code>	<code>{MnSyB}{\mathrel}</code>
838	<code>\DeclMn@Char\nrcirclearrowleft</code>	<code>{MnSyB}{\mathrel}</code>

```

839 \Decl\Mn@Char\ncirclearrowdown {MnSyB}{\mathrel}
840 \Decl\Mn@Char\ncirclearrowright {MnSyB}{\mathrel}
841 \Decl\Mn@Char\ncirclearrowup {MnSyB}{\mathrel}
842 \Decl\Mn@Alias\ncirclearrowright {MnSyB}{\mathrel}
843 \Decl\Mn@Char\ncirclearrowleft {MnSyB}{\mathrel}
844 \Decl\Mn@Char\ncirclearrowdown {MnSyB}{\mathrel}

```

MnSymbolC: operators.

```

845 \Set\Mn@Sym{0}
846 \Decl\Mn@Char\cdot {MnSyC}{\mathbin}
847 \Decl\Mn@Alias\cdotp {MnSyC}{\mathpunct}
848 \Decl\Mn@Char\hdotdot {MnSyC}{\mathbin}
849 \Decl\Mn@Char\vdotdot {MnSyC}{\mathbin}
850 \Decl\Mn@Alias\colon {MnSyC}{\mathpunct}
851 \Decl\Mn@Char\udotdot {MnSyC}{\mathbin}
852 \Decl\Mn@Char\ddotdot {MnSyC}{\mathbin}
853 \Decl\Mn@Char\hdots {MnSyC}{\mathord}
854 \Decl\Mn@Alias\@cdots {MnSyC}{\mathinner}
855 % \DeclareRobustCommand{\@cdots}{\mathinner{\hdots}}
856 \let\cdots\@cdots
857 \Decl\Mn@Char@\vdots {MnSyC}{\mathord}
858 \DeclareRobustCommand{\vdots}{%
859 \ifmode \@vdots \else \hbox{$\@vdots$}\fi}
860 \Decl\Mn@Char\udots {MnSyC}{\mathord}
861 \Decl\Mn@Char\ddots {MnSyC}{\mathord}
862 \Decl\Mn@Char\righttherefore {MnSyC}{\mathbin}
863 \Decl\Mn@Char\uptherefore {MnSyC}{\mathbin}
864 \Decl\Mn@Alias\therefore {MnSyC}{\mathbin}
865 \Decl\Mn@Char\lefttherefore {MnSyC}{\mathbin}
866 \Decl\Mn@Char\downtherefore {MnSyC}{\mathbin}
867 \Decl\Mn@Alias\because {MnSyC}{\mathbin}
868 \Decl\Mn@Char\diamonddots {MnSyC}{\mathbin}
869 \Decl\Mn@Char\squaredots {MnSyC}{\mathbin}
870 \Decl\Mn@Char\fivedots {MnSyC}{\mathbin}
871 \Decl\Mn@Char\minus {MnSyC}{\mathbin}
872 \Decl\Mn@Char\medvert {MnSyC}{\mathbin}
873 \Decl\Mn@Alias\shortmid {MnSyC}{\mathrel}
874 \Decl\Mn@Char\medslash {MnSyC}{\mathbin}
875 \Decl\Mn@Char\medbackslash {MnSyC}{\mathbin}
876 \Decl\Mn@Alias\setminus {MnSyC}{\mathbin}
877 \Decl\Mn@Alias\smallsetminus {MnSyC}{\mathbin}
878 \Decl\Mn@Char\plus {MnSyC}{\mathbin}
879 \Decl\Mn@Char\times {MnSyC}{\mathbin}
880 \Decl\Mn@Char\pm {MnSyC}{\mathbin}
881 \Decl\Mn@Char\mp {MnSyC}{\mathbin}
882 \Decl\Mn@Char\dotminus {MnSyC}{\mathbin}
883 \Decl\Mn@Char\dotmedvert {MnSyC}{\mathbin}
884 \Decl\Mn@Char\minusdot {MnSyC}{\mathbin}
885 \Decl\Mn@Char\medvertdot {MnSyC}{\mathbin}
886 \Decl\Mn@Char\div {MnSyC}{\mathbin}
887 \Decl\Mn@Char\slashdiv {MnSyC}{\mathbin}
888 \Decl\Mn@Char\vertdiv {MnSyC}{\mathbin}
889 \Decl\Mn@Char\backslashdiv {MnSyC}{\mathbin}
890 \Decl\Mn@Char\neg {MnSyC}{\mathord}
891 \Decl\Mn@Alias\not {MnSyC}{\mathord}

```


892	<code>\DeclMn@Alias\minushookdown</code>	<code>{MnSyC}{\mathbin}</code>
893	<code>\DeclMn@Char\backneg</code>	<code>{MnSyC}{\mathord}</code>
894	<code>\DeclMn@Alias\hookdownminus</code>	<code>{MnSyC}{\mathbin}</code>
895	<code>\DeclMn@Char\dtimes</code>	<code>{MnSyC}{\mathbin}</code>
896	<code>\DeclMn@Char\rtimes</code>	<code>{MnSyC}{\mathbin}</code>
897	<code>\DeclMn@Char\utimes</code>	<code>{MnSyC}{\mathbin}</code>
898	<code>\DeclMn@Char\ltimes</code>	<code>{MnSyC}{\mathbin}</code>
899	<code>\DeclMn@Char\bowtie</code>	<code>{MnSyC}{\mathbin}</code>
900	<code>\DeclMn@Alias\Join</code>	<code>{MnSyC}{\mathbin}</code>
901	<code>\DeclMn@Char\vertbowtie</code>	<code>{MnSyC}{\mathbin}</code>
902	<code>\DeclMn@Char\rightY</code>	<code>{MnSyC}{\mathbin}</code>
903	<code>\DeclMn@Char\upY</code>	<code>{MnSyC}{\mathbin}</code>
904	<code>\DeclMn@Char\leftY</code>	<code>{MnSyC}{\mathbin}</code>
905	<code>\DeclMn@Char\downY</code>	<code>{MnSyC}{\mathbin}</code>
906	<code>\DeclMn@Char\wedge</code>	<code>{MnSyC}{\mathbin}</code>
907	<code>\DeclMn@Alias\land</code>	<code>{MnSyC}{\mathbin}</code>
908	<code>\DeclMn@Char\vee</code>	<code>{MnSyC}{\mathbin}</code>
909	<code>\DeclMn@Alias\lor</code>	<code>{MnSyC}{\mathbin}</code>
910	<code>\DeclMn@Char\wedgedot</code>	<code>{MnSyC}{\mathbin}</code>
911	<code>\DeclMn@Char\veedot</code>	<code>{MnSyC}{\mathbin}</code>
912	<code>\DeclMn@Char\doublewedge</code>	<code>{MnSyC}{\mathbin}</code>
913	<code>\DeclMn@Char\doublevee</code>	<code>{MnSyC}{\mathbin}</code>
914	<code>\DeclMn@Char\curlywedge</code>	<code>{MnSyC}{\mathbin}</code>
915	<code>\DeclMn@Char\curlyvee</code>	<code>{MnSyC}{\mathbin}</code>
916	<code>\DeclMn@Char\curlywedgedot</code>	<code>{MnSyC}{\mathbin}</code>
917	<code>\DeclMn@Char\curlyveedot</code>	<code>{MnSyC}{\mathbin}</code>
918	<code>\DeclMn@Char\doublecurlywedge</code>	<code>{MnSyC}{\mathbin}</code>
919	<code>\DeclMn@Char\doublecurlyvee</code>	<code>{MnSyC}{\mathbin}</code>
920	<code>\DeclMn@Char\cup</code>	<code>{MnSyC}{\mathbin}</code>
921	<code>\DeclMn@Char\cap</code>	<code>{MnSyC}{\mathbin}</code>
922	<code>\DeclMn@Char\doublecup</code>	<code>{MnSyC}{\mathbin}</code>
923	<code>\DeclMn@Alias\Cup</code>	<code>{MnSyC}{\mathbin}</code>
924	<code>\DeclMn@Char\doublecap</code>	<code>{MnSyC}{\mathbin}</code>
925	<code>\DeclMn@Alias\Cap</code>	<code>{MnSyC}{\mathbin}</code>
926	<code>\DeclMn@Char\cupdot</code>	<code>{MnSyC}{\mathbin}</code>
927	<code>\DeclMn@Char\capdot</code>	<code>{MnSyC}{\mathbin}</code>
928	<code>\DeclMn@Char\cupplus</code>	<code>{MnSyC}{\mathbin}</code>
929	<code>\DeclMn@Alias\uplus</code>	<code>{MnSyC}{\mathbin}</code>
930	<code>\DeclMn@Char\capplus</code>	<code>{MnSyC}{\mathbin}</code>
931	<code>\DeclMn@Char\sqcup</code>	<code>{MnSyC}{\mathbin}</code>
932	<code>\DeclMn@Char\sqcap</code>	<code>{MnSyC}{\mathbin}</code>
933	<code>\DeclMn@Char\doublecup</code>	<code>{MnSyC}{\mathbin}</code>
934	<code>\DeclMn@Char\doublecap</code>	<code>{MnSyC}{\mathbin}</code>
935	<code>\DeclMn@Char\sqcupdot</code>	<code>{MnSyC}{\mathbin}</code>
936	<code>\DeclMn@Char\sqcapdot</code>	<code>{MnSyC}{\mathbin}</code>
937	<code>\DeclMn@Char\sqcupplus</code>	<code>{MnSyC}{\mathbin}</code>
938	<code>\DeclMn@Char\sqcapplus</code>	<code>{MnSyC}{\mathbin}</code>
939	<code>\DeclMn@Char\smalltriangleright</code>	<code>{MnSyC}{\mathbin}</code>
940	<code>\DeclMn@Char\smalltriangleup</code>	<code>{MnSyC}{\mathbin}</code>
941	<code>\DeclMn@Char\smalltriangleleft</code>	<code>{MnSyC}{\mathbin}</code>
942	<code>\DeclMn@Char\smalltriangledown</code>	<code>{MnSyC}{\mathbin}</code>
943	<code>\DeclMn@Char\filledtriangleright</code>	<code>{MnSyC}{\mathbin}</code>
944	<code>\DeclMn@Alias\blacktriangleright</code>	<code>{MnSyC}{\mathbin}</code>
945	<code>\DeclMn@Char\filledtriangleup</code>	<code>{MnSyC}{\mathbin}</code>

946	<code>\Decl\Mn@Char\filledtriangleleft</code>	<code>{\MnSyC}{\mathbin}</code>
947	<code>\Decl\Mn@Alias\blacktriangleleft</code>	<code>{\MnSyC}{\mathbin}</code>
948	<code>\Decl\Mn@Char\filledtriangledown</code>	<code>{\MnSyC}{\mathbin}</code>
949	<code>\Decl\Mn@Char\medtriangleright</code>	<code>{\MnSyC}{\mathbin}</code>
950	<code>\Decl\Mn@Alias\triangleright</code>	<code>{\MnSyC}{\mathbin}</code>
951	<code>\Decl\Mn@Char\medtriangleup</code>	<code>{\MnSyC}{\mathbin}</code>
952	<code>\Decl\Mn@Alias\triangle</code>	<code>{\MnSyC}{\mathbin}</code>
953	<code>\Decl\Mn@Alias\vartriangle</code>	<code>{\MnSyC}{\mathbin}</code>
954	<code>\Decl\Mn@Alias\bigtriangleup</code>	<code>{\MnSyC}{\mathbin}</code>
955	<code>\Decl\Mn@Char\medtriangleleft</code>	<code>{\MnSyC}{\mathbin}</code>
956	<code>\Decl\Mn@Alias\triangleleft</code>	<code>{\MnSyC}{\mathbin}</code>
957	<code>\Decl\Mn@Char\medtriangledown</code>	<code>{\MnSyC}{\mathbin}</code>
958	<code>\Decl\Mn@Alias\bigtriangledown</code>	<code>{\MnSyC}{\mathbin}</code>
959	<code>\Decl\Mn@Alias\triangledown</code>	<code>{\MnSyC}{\mathbin}</code>
960	<code>\Decl\Mn@Char\largetriangleright</code>	<code>{\MnSyC}{\mathord}</code>
961	<code>\Decl\Mn@Char\largetriangleup</code>	<code>{\MnSyC}{\mathord}</code>
962	<code>\Decl\Mn@Char\largetriangleleft</code>	<code>{\MnSyC}{\mathord}</code>
963	<code>\Decl\Mn@Char\largetriangledown</code>	<code>{\MnSyC}{\mathord}</code>
964	<code>\Decl\Mn@Char\circ</code>	<code>{\MnSyC}{\mathbin}</code>
965	<code>\Decl\Mn@Char\bullet</code>	<code>{\MnSyC}{\mathbin}</code>
966	<code>\Decl\Mn@Char\medcircle</code>	<code>{\MnSyC}{\mathbin}</code>
967	<code>\Decl\Mn@Char\largecircle</code>	<code>{\MnSyC}{\mathord}</code>
968	<code>\Decl\Mn@Alias\bigcirc</code>	<code>{\MnSyC}{\mathord}</code>
969	<code>\Decl\Mn@Char\ominus</code>	<code>{\MnSyC}{\mathbin}</code>
970	<code>\Decl\Mn@Alias\circleddash</code>	<code>{\MnSyC}{\mathbin}</code>
971	<code>\Decl\Mn@Char\overt</code>	<code>{\MnSyC}{\mathbin}</code>
972	<code>\Decl\Mn@Char\oslash</code>	<code>{\MnSyC}{\mathbin}</code>
973	<code>\Decl\Mn@Char\obackslash</code>	<code>{\MnSyC}{\mathbin}</code>
974	<code>\Decl\Mn@Char\oplus</code>	<code>{\MnSyC}{\mathbin}</code>
975	<code>\Decl\Mn@Char\otimes</code>	<code>{\MnSyC}{\mathbin}</code>
976	<code>\Decl\Mn@Char\odot</code>	<code>{\MnSyC}{\mathbin}</code>
977	<code>\Decl\Mn@Char\ocirc</code>	<code>{\MnSyC}{\mathbin}</code>
978	<code>\Decl\Mn@Alias\circledcirc</code>	<code>{\MnSyC}{\mathbin}</code>
979	<code>\Decl\Mn@Char\otriangle</code>	<code>{\MnSyC}{\mathbin}</code>
980	<code>\Decl\Mn@Char\oast</code>	<code>{\MnSyC}{\mathbin}</code>
981	<code>\Decl\Mn@Alias\circledast</code>	<code>{\MnSyC}{\mathbin}</code>
982	<code>\Decl\Mn@Char\ostar</code>	<code>{\MnSyC}{\mathbin}</code>
983	<code>\Decl\Mn@Char\diameter</code>	<code>{\MnSyC}{\mathord}</code>
984	<code>\Decl\Mn@Alias\emptyset</code>	<code>{\MnSyC}{\mathord}</code>
985	<code>\Decl\Mn@Alias\varnothing</code>	<code>{\MnSyC}{\mathord}</code>
986	<code>\Decl\Mn@Char\smallsquare</code>	<code>{\MnSyC}{\mathbin}</code>
987	<code>\Decl\Mn@Char\filledsquare</code>	<code>{\MnSyC}{\mathbin}</code>
988	<code>\Decl\Mn@Char\medsquare</code>	<code>{\MnSyC}{\mathbin}</code>
989	<code>\Decl\Mn@Alias\square</code>	<code>{\MnSyC}{\mathbin}</code>
990	<code>\Decl\Mn@Alias\Box</code>	<code>{\MnSyC}{\mathbin}</code>
991	<code>\Decl\Mn@Char\largesquare</code>	<code>{\MnSyC}{\mathord}</code>
992	<code>\Decl\Mn@Char\smalldiamond</code>	<code>{\MnSyC}{\mathbin}</code>
993	<code>\Decl\Mn@Alias\diamond</code>	<code>{\MnSyC}{\mathbin}</code>
994	<code>\Decl\Mn@Char\filleddiamond</code>	<code>{\MnSyC}{\mathbin}</code>
995	<code>\Decl\Mn@Char\meddiamond</code>	<code>{\MnSyC}{\mathbin}</code>
996	<code>\Decl\Mn@Alias\Diamond</code>	<code>{\MnSyC}{\mathbin}</code>
997	<code>\Decl\Mn@Char\largediamond</code>	<code>{\MnSyC}{\mathord}</code>
998	<code>\Decl\Mn@Char\boxminus</code>	<code>{\MnSyC}{\mathbin}</code>
999	<code>\Decl\Mn@Char\boxvert</code>	<code>{\MnSyC}{\mathbin}</code>

1000	<code>\Decl\Mn@Char\boxslash</code>	<code>{MnSyC}{\mathbin}</code>
1001	<code>\Decl\Mn@Char\boxbackslash</code>	<code>{MnSyC}{\mathbin}</code>
1002	<code>\Decl\Mn@Char\boxplus</code>	<code>{MnSyC}{\mathbin}</code>
1003	<code>\Decl\Mn@Char\boxtimes</code>	<code>{MnSyC}{\mathbin}</code>
1004	<code>\Decl\Mn@Char\boxdot</code>	<code>{MnSyC}{\mathbin}</code>
1005	<code>\Decl\Mn@Char\boxbox</code>	<code>{MnSyC}{\mathbin}</code>
1006	<code>\Decl\Mn@Char\diamondminus</code>	<code>{MnSyC}{\mathbin}</code>
1007	<code>\Decl\Mn@Char\diamondvert</code>	<code>{MnSyC}{\mathbin}</code>
1008	<code>\Decl\Mn@Char\diamondslash</code>	<code>{MnSyC}{\mathbin}</code>
1009	<code>\Decl\Mn@Char\diamondbackslash</code>	<code>{MnSyC}{\mathbin}</code>
1010	<code>\Decl\Mn@Char\diamondplus</code>	<code>{MnSyC}{\mathbin}</code>
1011	<code>\Decl\Mn@Char\diamondtimes</code>	<code>{MnSyC}{\mathbin}</code>
1012	<code>\Decl\Mn@Char\diamonddot</code>	<code>{MnSyC}{\mathbin}</code>
1013	<code>\Decl\Mn@Char\diamonddiamond</code>	<code>{MnSyC}{\mathbin}</code>
1014	<code>\Decl\Mn@Char\smallstar</code>	<code>{MnSyC}{\mathbin}</code>
1015	<code>\Decl\Mn@Char\filledstar</code>	<code>{MnSyC}{\mathbin}</code>
1016	<code>\Decl\Mn@Char\medstar</code>	<code>{MnSyC}{\mathbin}</code>
1017	<code>\Decl\Mn@Char\largestar</code>	<code>{MnSyC}{\mathord}</code>
1018	<code>\Decl\Mn@Char\pentagram</code>	<code>{MnSyC}{\mathbin}</code>
1019	<code>\Decl\Mn@Char\largepentagram</code>	<code>{MnSyC}{\mathord}</code>
1020	<code>\Decl\Mn@Char\thinstar</code>	<code>{MnSyC}{\mathbin}</code>
1021	<code>\Decl\Mn@Alias\star</code>	<code>{MnSyC}{\mathbin}</code>
1022	<code>\Decl\Mn@Char\ast</code>	<code>{MnSyC}{\mathbin}</code>
1023	<code>\Decl\Mn@Char\hbipropto</code>	<code>{MnSyC}{\mathbin}</code>
1024	<code>\Decl\Mn@Char\neswbipropto</code>	<code>{MnSyC}{\mathbin}</code>
1025	<code>\Decl\Mn@Char\vbipropto</code>	<code>{MnSyC}{\mathbin}</code>
1026	<code>\Decl\Mn@Char\nwsebipropto</code>	<code>{MnSyC}{\mathbin}</code>
1027	<code>\Decl\Mn@Char\leftpropto</code>	<code>{MnSyC}{\mathrel}</code>
1028	<code>\Decl\Mn@Alias\propto</code>	<code>{MnSyC}{\mathrel}</code>
1029	<code>\Decl\Mn@Alias\varpropto</code>	<code>{MnSyC}{\mathrel}</code>
1030	<code>\Decl\Mn@Char\downpropto</code>	<code>{MnSyC}{\mathrel}</code>
1031	<code>\Decl\Mn@Char\rightpropto</code>	<code>{MnSyC}{\mathrel}</code>
1032	<code>\Decl\Mn@Char\uppropto</code>	<code>{MnSyC}{\mathrel}</code>
1033	<code>\Decl\Mn@Char\hcrossing</code>	<code>{MnSyC}{\mathrel}</code>
1034	<code>\Decl\Mn@Char\neswcrossing</code>	<code>{MnSyC}{\mathrel}</code>
1035	<code>\Decl\Mn@Char\vcrossing</code>	<code>{MnSyC}{\mathrel}</code>
1036	<code>\Decl\Mn@Char\nwsecrossing</code>	<code>{MnSyC}{\mathrel}</code>
1037	<code>\Decl\Mn@Char\between</code>	<code>{MnSyC}{\mathrel}</code>
1038	<code>\Decl\Mn@Char\separated</code>	<code>{MnSyC}{\mathrel}</code>
1039	<code>\Decl\Mn@Char\bot</code>	<code>{MnSyC}{\mathord}</code>
1040	<code>\Decl\Mn@Char\top</code>	<code>{MnSyC}{\mathord}</code>
1041	<code>\Decl\Mn@Alias\intercal</code>	<code>{MnSyC}{\mathbin}</code>
1042	<code>\Decl\Mn@Char\wreath</code>	<code>{MnSyC}{\mathbin}</code>
1043	<code>\Decl\Mn@Alias\wr</code>	<code>{MnSyC}{\mathbin}</code>
1044	<code>\Decl\Mn@Char\angle</code>	<code>{MnSyC}{\mathord}</code>
1045	<code>\Decl\Mn@Char\measuredangle</code>	<code>{MnSyC}{\mathord}</code>
1046	<code>\Decl\Mn@Char\sphericalangle</code>	<code>{MnSyC}{\mathord}</code>
1047	<code>\Decl\Mn@Char\prime</code>	<code>{MnSyC}{\mathord}</code>
1048	<code>\Decl\Mn@Char\backprime</code>	<code>{MnSyC}{\mathord}</code>
1049	<code>\Decl\Mn@Char\smallprod</code>	<code>{MnSyC}{\mathbin}</code>
1050	<code>\Decl\Mn@Char\amalg</code>	<code>{MnSyC}{\mathbin}</code>
1051	<code>\Decl\Mn@Char\checkmark</code>	<code>{MnSyC}{\mathord}</code>
1052	<code>\Decl\Mn@Char\lightning</code>	<code>{MnSyC}{\mathord}</code>
1053	<code>\Decl\Mn@Char\diamondsuit</code>	<code>{MnSyC}{\mathord}</code>

1054	<code>\DeclMn@Char\heartsuit</code>	<code>{MnSyC}{\mathord}</code>
1055	<code>\DeclMn@Char\spadesuit</code>	<code>{MnSyC}{\mathord}</code>
1056	<code>\DeclMn@Char\clubsuit</code>	<code>{MnSyC}{\mathord}</code>
1057	<code>\DeclMn@Char\forall</code>	<code>{MnSyC}{\mathord}</code>
1058	<code>\DeclMn@Char\exists</code>	<code>{MnSyC}{\mathord}</code>
1059	<code>\DeclMn@Char\nexists</code>	<code>{MnSyC}{\mathord}</code>
1060	<code>\DeclMn@Char\nabla</code>	<code>{MnSyC}{\mathord}</code>
1061	<code>\DeclMn@Char\infty</code>	<code>{MnSyC}{\mathord}</code>
1062	<code>\DeclMn@Char\smallint</code>	<code>{MnSyC}{\mathop}</code>
1063	<code>\DeclMn@Char\flat</code>	<code>{MnSyC}{\mathop}</code>
1064	<code>\DeclMn@Char\natural</code>	<code>{MnSyC}{\mathop}</code>
1065	<code>\DeclMn@Char\sharp</code>	<code>{MnSyC}{\mathop}</code>
1066	<code>\DeclMn@Char\aleph</code>	<code>{MnSyC}{\mathord}</code>
1067	<code>\DeclMn@Char\beth</code>	<code>{MnSyC}{\mathord}</code>
1068	<code>\DeclMn@Char\gimel</code>	<code>{MnSyC}{\mathord}</code>
1069	<code>\DeclMn@Char\daleth</code>	<code>{MnSyC}{\mathord}</code>
1070	<code>\DeclMn@Char\wp</code>	<code>{MnSyC}{\mathord}</code>
1071	<code>\DeclMn@Char\powerset</code>	<code>{MnSyC}{\mathord}</code>
1072	<code>\DeclMn@Char\invneg</code>	<code>{MnSyC}{\mathord}</code>
1073	<code>\DeclMn@Alias\minushookup</code>	<code>{MnSyC}{\mathbin}</code>
1074	<code>\DeclMn@Char\invbackneg</code>	<code>{MnSyC}{\mathord}</code>
1075	<code>\DeclMn@Alias\hookupminus</code>	<code>{MnSyC}{\mathbin}</code>
1076	<code>\DeclMn@Char\lefthalfcup</code>	<code>{MnSyC}{\mathbin}</code>
1077	<code>\DeclMn@Char\righthalfcup</code>	<code>{MnSyC}{\mathbin}</code>
1078	<code>\DeclMn@Char\lefthalfcap</code>	<code>{MnSyC}{\mathbin}</code>
1079	<code>\DeclMn@Char\righthalfcap</code>	<code>{MnSyC}{\mathbin}</code>
1080	<code>\DeclMn@Char\closedsucc</code>	<code>{MnSyC}{\mathrel}</code>
1081	<code>\DeclMn@Char\closedcurlywedge</code>	<code>{MnSyC}{\mathbin}</code>
1082	<code>\DeclMn@Char\closedprec</code>	<code>{MnSyC}{\mathrel}</code>
1083	<code>\DeclMn@Char\closedcurlyvee</code>	<code>{MnSyC}{\mathbin}</code>
1084	<code>\DeclMn@Char\rightrightarrowslice</code>	<code>{MnSyC}{\mathrel}</code>
1085	<code>\DeclMn@Char\upslice</code>	<code>{MnSyC}{\mathbin}</code>
1086	<code>\DeclMn@Char\leftslice</code>	<code>{MnSyC}{\mathrel}</code>
1087	<code>\DeclMn@Char\downslice</code>	<code>{MnSyC}{\mathbin}</code>
1088	<code>\DeclMn@Char\smalllozenge</code>	<code>{MnSyC}{\mathord}</code>
1089	<code>\DeclMn@Char\filledlozenge</code>	<code>{MnSyC}{\mathord}</code>
1090	<code>\DeclMn@Char\medlozenge</code>	<code>{MnSyC}{\mathord}</code>
1091	<code>\DeclMn@Alias\lozenge</code>	<code>{MnSyC}{\mathord}</code>
1092	<code>\DeclMn@Char\filledmedlozenge</code>	<code>{MnSyC}{\mathord}</code>
1093	<code>\DeclMn@Alias\blacklozenge</code>	<code>{MnSyC}{\mathord}</code>
1094	<code>\DeclMn@Char\largelozenge</code>	<code>{MnSyC}{\mathord}</code>
1095	<code>\DeclMn@Char\filledmedtriangleright</code>	<code>{MnSyC}{\mathbin}</code>
1096	<code>\DeclMn@Char\filledmedtriangleup</code>	<code>{MnSyC}{\mathbin}</code>
1097	<code>\DeclMn@Alias\blacktriangle</code>	<code>{MnSyC}{\mathbin}</code>
1098	<code>\DeclMn@Char\filledmedtriangleleft</code>	<code>{MnSyC}{\mathbin}</code>
1099	<code>\DeclMn@Char\filledmedtriangledown</code>	<code>{MnSyC}{\mathbin}</code>
1100	<code>\DeclMn@Alias\blacktriangledown</code>	<code>{MnSyC}{\mathbin}</code>
1101	<code>\DeclMn@Char\filledmedsquare</code>	<code>{MnSyC}{\mathbin}</code>
1102	<code>\DeclMn@Alias\blacksquare</code>	<code>{MnSyC}{\mathbin}</code>
1103	<code>\DeclMn@Char\filledlargestar</code>	<code>{MnSyC}{\mathord}</code>
1104	<code>\DeclMn@Alias\bigstar</code>	<code>{MnSyC}{\mathord}</code>
1105	<code>\DeclMn@Char\medstarofdavid</code>	<code>{MnSyC}{\mathord}</code>
1106	<code>\DeclMn@Char\largestarofdavid</code>	<code>{MnSyC}{\mathord}</code>
1107	<code>\DeclMn@Char\maltese</code>	<code>{MnSyC}{\mathord}</code>

1108	<code>\Set@Mn@Sym{220}</code>	
1109	<code>\Decl@Mn@Char\closedequal</code>	<code>{MnSyC}{\mathrel}</code>
1110	<code>\Decl@Mn@Char\equalclosed</code>	<code>{MnSyC}{\mathrel}</code>
1111	<code>\Decl@Mn@Char\equivclosed</code>	<code>{MnSyC}{\mathrel}</code>
1112	<code>\Decl@Mn@Char\lessim</code>	<code>{MnSyC}{\mathrel}</code>
1113	<code>\Decl@Mn@Char\gtrsim</code>	<code>{MnSyC}{\mathrel}</code>
1114	<code>\Decl@Mn@Char\lessapprox</code>	<code>{MnSyC}{\mathrel}</code>
1115	<code>\Decl@Mn@Char\gtrapprox</code>	<code>{MnSyC}{\mathrel}</code>
1116	<code>\Decl@Mn@Char\eqslantless</code>	<code>{MnSyC}{\mathrel}</code>
1117	<code>\Decl@Mn@Char\eqslantgtr</code>	<code>{MnSyC}{\mathrel}</code>
1118	<code>\Decl@Mn@Char\curlyeqprec</code>	<code>{MnSyC}{\mathrel}</code>
1119	<code>\Decl@Mn@Char\curlyeqsucc</code>	<code>{MnSyC}{\mathrel}</code>
1120	<code>\Decl@Mn@Char\Rrightarrow</code>	<code>{MnSyC}{\mathrel}</code>
1121	<code>\Decl@Mn@Char\Lleftarrow</code>	<code>{MnSyC}{\mathrel}</code>
1122	<code>\Decl@Mn@Char\nclosedequal</code>	<code>{MnSyC}{\mathrel}</code>
1123	<code>\Decl@Mn@Char\nequalclosed</code>	<code>{MnSyC}{\mathrel}</code>
1124	<code>\Decl@Mn@Char\nequivclosed</code>	<code>{MnSyC}{\mathrel}</code>
1125	<code>\Decl@Mn@Char\lnsim</code>	<code>{MnSyC}{\mathrel}</code>
1126	<code>\Decl@Mn@Char\gnsim</code>	<code>{MnSyC}{\mathrel}</code>
1127	<code>\Decl@Mn@Char\lnapprox</code>	<code>{MnSyC}{\mathrel}</code>
1128	<code>\Decl@Mn@Char\gnapprox</code>	<code>{MnSyC}{\mathrel}</code>
1129	<code>\Decl@Mn@Char\neqslantless</code>	<code>{MnSyC}{\mathrel}</code>
1130	<code>\Decl@Mn@Char\neqslantgtr</code>	<code>{MnSyC}{\mathrel}</code>
1131	<code>\Decl@Mn@Char\ncurlyeqprec</code>	<code>{MnSyC}{\mathrel}</code>
1132	<code>\Decl@Mn@Char\ncurlyeqsucc</code>	<code>{MnSyC}{\mathrel}</code>
1133	<code>\Decl@Mn@Char\NRrightarrow</code>	<code>{MnSyC}{\mathrel}</code>
1134	<code>\Decl@Mn@Char\NLleftarrow</code>	<code>{MnSyC}{\mathrel}</code>
1135	<code>\Decl@Mn@Char\Rsh</code>	<code>{MnSyC}{\mathrel}</code>
1136	<code>\Decl@Mn@Char\Lsh</code>	<code>{MnSyC}{\mathrel}</code>
1137	<code>\Decl@Mn@Char\looparrowright</code>	<code>{MnSyC}{\mathrel}</code>
1138	<code>\Decl@Mn@Char\looparrowleft</code>	<code>{MnSyC}{\mathrel}</code>
1139	<code>\Decl@Mn@Char\leftthreetimes</code>	<code>{MnSyC}{\mathbin}</code>
1140	<code>\Decl@Mn@Char\rightthreetimes</code>	<code>{MnSyC}{\mathbin}</code>
1141	<code>\Decl@Mn@Char\Vdash</code>	<code>{MnSyC}{\mathrel}</code>
1142	<code>\Decl@Mn@Char\shortmid</code>	<code>{MnSyC}{\mathrel}</code>
1143	<code>\Decl@Mn@Char\shortparallel</code>	<code>{MnSyC}{\mathrel}</code>
1144	<code>\Decl@Mn@Char\NSshortparallel</code>	<code>{MnSyC}{\mathrel}</code>

MnSymbolD: Relations.

1145	<code>\Set@Mn@Sym{0}</code>	
1146	<code>\Decl@Mn@Char\equal</code>	<code>{MnSyD}{\mathrel}</code>
1147	<code>\Decl@Mn@Char\equiv</code>	<code>{MnSyD}{\mathrel}</code>
1148	<code>\Decl@Mn@Char\sim</code>	<code>{MnSyD}{\mathrel}</code>
1149	<code>\Decl@Mn@Char\backsim</code>	<code>{MnSyD}{\mathrel}</code>
1150	<code>\Decl@Mn@Char\approx</code>	<code>{MnSyD}{\mathrel}</code>
1151	<code>\Decl@Mn@Char\backapprox</code>	<code>{MnSyD}{\mathrel}</code>
1152	<code>\Decl@Mn@Char\triplesim</code>	<code>{MnSyD}{\mathrel}</code>
1153	<code>\Decl@Mn@Char\backtriplesim</code>	<code>{MnSyD}{\mathrel}</code>
1154	<code>\Decl@Mn@Char\simeq</code>	<code>{MnSyD}{\mathrel}</code>
1155	<code>\Decl@Mn@Char\backsimeq</code>	<code>{MnSyD}{\mathrel}</code>
1156	<code>\Decl@Mn@Char\eqsim</code>	<code>{MnSyD}{\mathrel}</code>
1157	<code>\Decl@Mn@Char\backeqsim</code>	<code>{MnSyD}{\mathrel}</code>
1158	<code>\Decl@Mn@Char\cong</code>	<code>{MnSyD}{\mathrel}</code>
1159	<code>\Decl@Mn@Char\backcong</code>	<code>{MnSyD}{\mathrel}</code>
1160	<code>\Decl@Mn@Char\approxeq</code>	<code>{MnSyD}{\mathrel}</code>

1161	<code>\Decl\Mn@Char\backapproxeq</code>	<code>{MnSyD}{\mathrel}</code>
1162	<code>\Decl\Mn@Char\bumpeq</code>	<code>{MnSyD}{\mathrel}</code>
1163	<code>\Decl\Mn@Char\eqbump</code>	<code>{MnSyD}{\mathrel}</code>
1164	<code>\Decl\Mn@Char\Bumpeq</code>	<code>{MnSyD}{\mathrel}</code>
1165	<code>\Decl\Mn@Char\doteq</code>	<code>{MnSyD}{\mathrel}</code>
1166	<code>\Decl\Mn@Char\eqdot</code>	<code>{MnSyD}{\mathrel}</code>
1167	<code>\Decl\Mn@Char\Doteq</code>	<code>{MnSyD}{\mathrel}</code>
1168	<code>\Decl\Mn@Alias\doteqdot</code>	<code>{MnSyD}{\mathbin}</code>
1169	<code>\Decl\Mn@Char\fallingdotseq</code>	<code>{MnSyD}{\mathrel}</code>
1170	<code>\Decl\Mn@Char\risingdotseq</code>	<code>{MnSyD}{\mathrel}</code>
1171	<code>\Decl\Mn@Char\smile</code>	<code>{MnSyD}{\mathrel}</code>
1172	<code>\Decl\Mn@Alias\smallsmile</code>	<code>{MnSyD}{\mathrel}</code>
1173	<code>\Decl\Mn@Char\frown</code>	<code>{MnSyD}{\mathrel}</code>
1174	<code>\Decl\Mn@Alias\smallfrown</code>	<code>{MnSyD}{\mathrel}</code>
1175	<code>\Decl\Mn@Char\double smile</code>	<code>{MnSyD}{\mathrel}</code>
1176	<code>\Decl\Mn@Char\double frown</code>	<code>{MnSyD}{\mathrel}</code>
1177	<code>\Decl\Mn@Char\triple smile</code>	<code>{MnSyD}{\mathrel}</code>
1178	<code>\Decl\Mn@Char\triple frown</code>	<code>{MnSyD}{\mathrel}</code>
1179	<code>\Decl\Mn@Char\smile frown</code>	<code>{MnSyD}{\mathrel}</code>
1180	<code>\Decl\Mn@Alias\asymp</code>	<code>{MnSyD}{\mathrel}</code>
1181	<code>\Decl\Mn@Char\frown smile</code>	<code>{MnSyD}{\mathrel}</code>
1182	<code>\Decl\Mn@Char\smile eq</code>	<code>{MnSyD}{\mathrel}</code>
1183	<code>\Decl\Mn@Char\frown eq</code>	<code>{MnSyD}{\mathrel}</code>
1184	<code>\Decl\Mn@Char\eq smile</code>	<code>{MnSyD}{\mathrel}</code>
1185	<code>\Decl\Mn@Char\eq frown</code>	<code>{MnSyD}{\mathrel}</code>
1186	<code>\Decl\Mn@Char\double smile eq</code>	<code>{MnSyD}{\mathrel}</code>
1187	<code>\Decl\Mn@Char\double frown eq</code>	<code>{MnSyD}{\mathrel}</code>
1188	<code>\Decl\Mn@Char\smile eq frown</code>	<code>{MnSyD}{\mathrel}</code>
1189	<code>\Decl\Mn@Char\frown eq smile</code>	<code>{MnSyD}{\mathrel}</code>
1190	<code>\Decl\Mn@Char\smile frown eq</code>	<code>{MnSyD}{\mathrel}</code>
1191	<code>\Decl\Mn@Char\frown smile eq</code>	<code>{MnSyD}{\mathrel}</code>
1192	<code>\Decl\Mn@Char\sq smile</code>	<code>{MnSyD}{\mathrel}</code>
1193	<code>\Decl\Mn@Char\sq frown</code>	<code>{MnSyD}{\mathrel}</code>
1194	<code>\Decl\Mn@Char\sq double smile</code>	<code>{MnSyD}{\mathrel}</code>
1195	<code>\Decl\Mn@Char\sq double frown</code>	<code>{MnSyD}{\mathrel}</code>
1196	<code>\Decl\Mn@Char\sq triple smile</code>	<code>{MnSyD}{\mathrel}</code>
1197	<code>\Decl\Mn@Char\sq triple frown</code>	<code>{MnSyD}{\mathrel}</code>
1198	<code>\Decl\Mn@Char\sq smile frown</code>	<code>{MnSyD}{\mathrel}</code>
1199	<code>\Decl\Mn@Char\sq frown smile</code>	<code>{MnSyD}{\mathrel}</code>
1200	<code>\Decl\Mn@Char\sq smile eq</code>	<code>{MnSyD}{\mathrel}</code>
1201	<code>\Decl\Mn@Char\sq frown eq</code>	<code>{MnSyD}{\mathrel}</code>
1202	<code>\Decl\Mn@Char\sq eq smile</code>	<code>{MnSyD}{\mathrel}</code>
1203	<code>\Decl\Mn@Char\sq eq frown</code>	<code>{MnSyD}{\mathrel}</code>
1204	<code>\Decl\Mn@Char\sq double smile eq</code>	<code>{MnSyD}{\mathrel}</code>
1205	<code>\Decl\Mn@Char\sq double frown eq</code>	<code>{MnSyD}{\mathrel}</code>
1206	<code>\Decl\Mn@Char\sq smile eq frown</code>	<code>{MnSyD}{\mathrel}</code>
1207	<code>\Decl\Mn@Char\sq frown eq smile</code>	<code>{MnSyD}{\mathrel}</code>
1208	<code>\Decl\Mn@Char\eq circ</code>	<code>{MnSyD}{\mathrel}</code>
1209	<code>\Decl\Mn@Char\circeq</code>	<code>{MnSyD}{\mathrel}</code>
1210	<code>\Decl\Mn@Char\triangle eq</code>	<code>{MnSyD}{\mathrel}</code>
1211	<code>\Decl\Mn@Alias\triangleq</code>	<code>{MnSyD}{\mathrel}</code>
1212	<code>\Decl\Mn@Char\hateq</code>	<code>{MnSyD}{\mathrel}</code>
1213	<code>\Decl\Mn@Char\in</code>	<code>{MnSyD}{\mathrel}</code>
1214	<code>\Decl\Mn@Char\owns</code>	<code>{MnSyD}{\mathrel}</code>

1215	<code>\DeclMn@Alias\ni</code>	<code>{MnSyD}{\mathrel}</code>
1216	<code>\DeclMn@Char\less</code>	<code>{MnSyD}{\mathrel}</code>
1217	<code>\DeclMn@Char\gtr</code>	<code>{MnSyD}{\mathrel}</code>
1218	<code>\DeclMn@Char\leq</code>	<code>{MnSyD}{\mathrel}</code>
1219	<code>\DeclMn@Alias\le</code>	<code>{MnSyD}{\mathrel}</code>
1220	<code>\DeclMn@Char\geq</code>	<code>{MnSyD}{\mathrel}</code>
1221	<code>\DeclMn@Alias\ge</code>	<code>{MnSyD}{\mathrel}</code>
1222	<code>\DeclMn@Char\leqslant</code>	<code>{MnSyD}{\mathrel}</code>
1223	<code>\DeclMn@Char\geqslant</code>	<code>{MnSyD}{\mathrel}</code>
1224	<code>\DeclMn@Char\leqq</code>	<code>{MnSyD}{\mathrel}</code>
1225	<code>\DeclMn@Char\geqq</code>	<code>{MnSyD}{\mathrel}</code>
1226	<code>\DeclMn@Char\lessgtr</code>	<code>{MnSyD}{\mathrel}</code>
1227	<code>\DeclMn@Char\gtrless</code>	<code>{MnSyD}{\mathrel}</code>
1228	<code>\DeclMn@Char\lesseqgtr</code>	<code>{MnSyD}{\mathrel}</code>
1229	<code>\DeclMn@Char\gtreqless</code>	<code>{MnSyD}{\mathrel}</code>
1230	<code>\DeclMn@Char\lesseqgtr</code>	<code>{MnSyD}{\mathrel}</code>
1231	<code>\DeclMn@Char\gtreqless</code>	<code>{MnSyD}{\mathrel}</code>
1232	<code>\DeclMn@Char\lesseqgtrslant</code>	<code>{MnSyD}{\mathrel}</code>
1233	<code>\DeclMn@Char\gtreqlessslant</code>	<code>{MnSyD}{\mathrel}</code>
1234	<code>\DeclMn@Char\ll</code>	<code>{MnSyD}{\mathrel}</code>
1235	<code>\DeclMn@Char\gg</code>	<code>{MnSyD}{\mathrel}</code>
1236	<code>\DeclMn@Char\lll</code>	<code>{MnSyD}{\mathrel}</code>
1237	<code>\DeclMn@Alias\llless</code>	<code>{MnSyD}{\mathrel}</code>
1238	<code>\DeclMn@Char\ggg</code>	<code>{MnSyD}{\mathrel}</code>
1239	<code>\DeclMn@Alias\gggtr</code>	<code>{MnSyD}{\mathrel}</code>
1240	<code>\DeclMn@Char\lessclosed</code>	<code>{MnSyD}{\mathrel}</code>
1241	<code>\DeclMn@Alias\lhd</code>	<code>{MnSyD}{\mathrel}</code>
1242	<code>\DeclMn@Alias\vartriangleleft</code>	<code>{MnSyD}{\mathrel}</code>
1243	<code>\DeclMn@Char\gtrclosed</code>	<code>{MnSyD}{\mathrel}</code>
1244	<code>\DeclMn@Alias\rhd</code>	<code>{MnSyD}{\mathrel}</code>
1245	<code>\DeclMn@Alias\vartriangleright</code>	<code>{MnSyD}{\mathrel}</code>
1246	<code>\DeclMn@Char\leqclosed</code>	<code>{MnSyD}{\mathrel}</code>
1247	<code>\DeclMn@Alias\unlhd</code>	<code>{MnSyD}{\mathrel}</code>
1248	<code>\DeclMn@Alias\trianglelefteq</code>	<code>{MnSyD}{\mathrel}</code>
1249	<code>\DeclMn@Char\geqclosed</code>	<code>{MnSyD}{\mathrel}</code>
1250	<code>\DeclMn@Alias\unrhd</code>	<code>{MnSyD}{\mathrel}</code>
1251	<code>\DeclMn@Alias\trianglerighteq</code>	<code>{MnSyD}{\mathrel}</code>
1252	<code>\DeclMn@Char\sqsubset</code>	<code>{MnSyD}{\mathrel}</code>
1253	<code>\DeclMn@Char\sqsupset</code>	<code>{MnSyD}{\mathrel}</code>
1254	<code>\DeclMn@Char\sqsubseteq</code>	<code>{MnSyD}{\mathrel}</code>
1255	<code>\DeclMn@Char\sqsupseteq</code>	<code>{MnSyD}{\mathrel}</code>
1256	<code>\DeclMn@Char\sqssubseteqq</code>	<code>{MnSyD}{\mathrel}</code>
1257	<code>\DeclMn@Char\sqsupseteqq</code>	<code>{MnSyD}{\mathrel}</code>
1258	<code>\DeclMn@Char\Sqsubset</code>	<code>{MnSyD}{\mathrel}</code>
1259	<code>\DeclMn@Char\Sqsupset</code>	<code>{MnSyD}{\mathrel}</code>
1260	<code>\DeclMn@Char\subset</code>	<code>{MnSyD}{\mathrel}</code>
1261	<code>\DeclMn@Char\supset</code>	<code>{MnSyD}{\mathrel}</code>
1262	<code>\DeclMn@Char\subseteq</code>	<code>{MnSyD}{\mathrel}</code>
1263	<code>\DeclMn@Char\supseteq</code>	<code>{MnSyD}{\mathrel}</code>
1264	<code>\DeclMn@Char\subseteqq</code>	<code>{MnSyD}{\mathrel}</code>
1265	<code>\DeclMn@Char\supseteqq</code>	<code>{MnSyD}{\mathrel}</code>
1266	<code>\DeclMn@Char\Subset</code>	<code>{MnSyD}{\mathrel}</code>
1267	<code>\DeclMn@Char\Supset</code>	<code>{MnSyD}{\mathrel}</code>
1268	<code>\DeclMn@Char\prec</code>	<code>{MnSyD}{\mathrel}</code>

1269	<code>\DeclMn@Char\succ</code>	<code>{MnSyD}{\mathrel}</code>
1270	<code>\DeclMn@Char\preceq</code>	<code>{MnSyD}{\mathrel}</code>
1271	<code>\DeclMn@Char\succeq</code>	<code>{MnSyD}{\mathrel}</code>
1272	<code>\DeclMn@Char\preccurlyeq</code>	<code>{MnSyD}{\mathrel}</code>
1273	<code>\DeclMn@Char\succcurlyeq</code>	<code>{MnSyD}{\mathrel}</code>
1274	<code>\DeclMn@Char\precsim</code>	<code>{MnSyD}{\mathrel}</code>
1275	<code>\DeclMn@Char\sucsim</code>	<code>{MnSyD}{\mathrel}</code>
1276	<code>\DeclMn@Char\precapprox</code>	<code>{MnSyD}{\mathrel}</code>
1277	<code>\DeclMn@Char\succapprox</code>	<code>{MnSyD}{\mathrel}</code>
1278	<code>\DeclMn@Char\lessdot</code>	<code>{MnSyD}{\mathrel}</code>
1279	<code>\DeclMn@Char\gtrdot</code>	<code>{MnSyD}{\mathrel}</code>
1280	<code>\DeclMn@Char\leqdot</code>	<code>{MnSyD}{\mathrel}</code>
1281	<code>\DeclMn@Char\geqdot</code>	<code>{MnSyD}{\mathrel}</code>
1282	<code>\DeclMn@Char\leqslantdot</code>	<code>{MnSyD}{\mathrel}</code>
1283	<code>\DeclMn@Char\geqslantdot</code>	<code>{MnSyD}{\mathrel}</code>
1284	<code>\DeclMn@Char\nequal</code>	<code>{MnSyD}{\mathrel}</code>
1285	<code>\DeclMn@Alias\neq</code>	<code>{MnSyD}{\mathrel}</code>
1286	<code>\DeclMn@Alias\ne</code>	<code>{MnSyD}{\mathrel}</code>
1287	<code>\DeclMn@Char\nequiv</code>	<code>{MnSyD}{\mathrel}</code>
1288	<code>\DeclMn@Char\sim</code>	<code>{MnSyD}{\mathrel}</code>
1289	<code>\DeclMn@Char\nbacksim</code>	<code>{MnSyD}{\mathrel}</code>
1290	<code>\DeclMn@Char\napprox</code>	<code>{MnSyD}{\mathrel}</code>
1291	<code>\DeclMn@Char\nbackapprox</code>	<code>{MnSyD}{\mathrel}</code>
1292	<code>\DeclMn@Char\ntriplesim</code>	<code>{MnSyD}{\mathrel}</code>
1293	<code>\DeclMn@Char\nbacktriplesim</code>	<code>{MnSyD}{\mathrel}</code>
1294	<code>\DeclMn@Char\nsimeq</code>	<code>{MnSyD}{\mathrel}</code>
1295	<code>\DeclMn@Char\nbacksimeq</code>	<code>{MnSyD}{\mathrel}</code>
1296	<code>\DeclMn@Char\neqsim</code>	<code>{MnSyD}{\mathrel}</code>
1297	<code>\DeclMn@Char\nbackeqsim</code>	<code>{MnSyD}{\mathrel}</code>
1298	<code>\DeclMn@Char\ncong</code>	<code>{MnSyD}{\mathrel}</code>
1299	<code>\DeclMn@Char\nbackcong</code>	<code>{MnSyD}{\mathrel}</code>
1300	<code>\DeclMn@Char\napproxeq</code>	<code>{MnSyD}{\mathrel}</code>
1301	<code>\DeclMn@Char\nbackapproxeq</code>	<code>{MnSyD}{\mathrel}</code>
1302	<code>\DeclMn@Char\nbumpeq</code>	<code>{MnSyD}{\mathrel}</code>
1303	<code>\DeclMn@Char\neqbump</code>	<code>{MnSyD}{\mathrel}</code>
1304	<code>\DeclMn@Char\nBumpeq</code>	<code>{MnSyD}{\mathrel}</code>
1305	<code>\DeclMn@Char\ndoteq</code>	<code>{MnSyD}{\mathrel}</code>
1306	<code>\DeclMn@Char\neqdot</code>	<code>{MnSyD}{\mathrel}</code>
1307	<code>\DeclMn@Char\ndoteq</code>	<code>{MnSyD}{\mathrel}</code>
1308	<code>\DeclMn@Char\nfallingdotseq</code>	<code>{MnSyD}{\mathrel}</code>
1309	<code>\DeclMn@Char\nrisingdotseq</code>	<code>{MnSyD}{\mathrel}</code>
1310	<code>\DeclMn@Char\nsmile</code>	<code>{MnSyD}{\mathrel}</code>
1311	<code>\DeclMn@Char\nfrown</code>	<code>{MnSyD}{\mathrel}</code>
1312	<code>\DeclMn@Char\ndoublesmile</code>	<code>{MnSyD}{\mathrel}</code>
1313	<code>\DeclMn@Char\ndoublefrown</code>	<code>{MnSyD}{\mathrel}</code>
1314	<code>\DeclMn@Char\ntriplesmile</code>	<code>{MnSyD}{\mathrel}</code>
1315	<code>\DeclMn@Char\ntriplefrown</code>	<code>{MnSyD}{\mathrel}</code>
1316	<code>\DeclMn@Char\nsmilefrown</code>	<code>{MnSyD}{\mathrel}</code>
1317	<code>\DeclMn@Alias\nasymp</code>	<code>{MnSyD}{\mathrel}</code>
1318	<code>\DeclMn@Char\nfrownsmile</code>	<code>{MnSyD}{\mathrel}</code>
1319	<code>\DeclMn@Char\nsmileeq</code>	<code>{MnSyD}{\mathrel}</code>
1320	<code>\DeclMn@Char\nfrowneq</code>	<code>{MnSyD}{\mathrel}</code>
1321	<code>\DeclMn@Char\neqsmile</code>	<code>{MnSyD}{\mathrel}</code>
1322	<code>\DeclMn@Char\neqfrown</code>	<code>{MnSyD}{\mathrel}</code>

1323	<code>\Decl\Mn@Char\ndoublesmileeq</code>	<code>{MnSyD}{\mathrel}</code>
1324	<code>\Decl\Mn@Char\ndoublefrowneq</code>	<code>{MnSyD}{\mathrel}</code>
1325	<code>\Decl\Mn@Char\nsmileeqfrown</code>	<code>{MnSyD}{\mathrel}</code>
1326	<code>\Decl\Mn@Char\nfrowneqsmile</code>	<code>{MnSyD}{\mathrel}</code>
1327	<code>\Decl\Mn@Char\nsmilefrowneq</code>	<code>{MnSyD}{\mathrel}</code>
1328	<code>\Decl\Mn@Char\nfrownsmileeq</code>	<code>{MnSyD}{\mathrel}</code>
1329	<code>\Decl\Mn@Char\nsqsmile</code>	<code>{MnSyD}{\mathrel}</code>
1330	<code>\Decl\Mn@Char\nsqfrown</code>	<code>{MnSyD}{\mathrel}</code>
1331	<code>\Decl\Mn@Char\nsqdoublesmile</code>	<code>{MnSyD}{\mathrel}</code>
1332	<code>\Decl\Mn@Char\nsqdoublefrown</code>	<code>{MnSyD}{\mathrel}</code>
1333	<code>\Decl\Mn@Char\nsqtriplesmile</code>	<code>{MnSyD}{\mathrel}</code>
1334	<code>\Decl\Mn@Char\nsqtriplefrown</code>	<code>{MnSyD}{\mathrel}</code>
1335	<code>\Decl\Mn@Char\nsqsmilefrown</code>	<code>{MnSyD}{\mathrel}</code>
1336	<code>\Decl\Mn@Char\nsqfrownsmile</code>	<code>{MnSyD}{\mathrel}</code>
1337	<code>\Decl\Mn@Char\nsqsmileeq</code>	<code>{MnSyD}{\mathrel}</code>
1338	<code>\Decl\Mn@Char\nsqfrowneq</code>	<code>{MnSyD}{\mathrel}</code>
1339	<code>\Decl\Mn@Char\nsqeqsmile</code>	<code>{MnSyD}{\mathrel}</code>
1340	<code>\Decl\Mn@Char\nsqeqfrown</code>	<code>{MnSyD}{\mathrel}</code>
1341	<code>\Decl\Mn@Char\nsqdoublesmileeq</code>	<code>{MnSyD}{\mathrel}</code>
1342	<code>\Decl\Mn@Char\nsqdoublefrowneq</code>	<code>{MnSyD}{\mathrel}</code>
1343	<code>\Decl\Mn@Char\nsqsmileeqfrown</code>	<code>{MnSyD}{\mathrel}</code>
1344	<code>\Decl\Mn@Char\nsqfrowneqsmile</code>	<code>{MnSyD}{\mathrel}</code>
1345	<code>\Decl\Mn@Char\neqcirc</code>	<code>{MnSyD}{\mathrel}</code>
1346	<code>\Decl\Mn@Char\ncirceq</code>	<code>{MnSyD}{\mathrel}</code>
1347	<code>\Decl\Mn@Char\ntriangleeq</code>	<code>{MnSyD}{\mathrel}</code>
1348	<code>\Decl\Mn@Char\nhateq</code>	<code>{MnSyD}{\mathrel}</code>
1349	<code>\Decl\Mn@Char\nin</code>	<code>{MnSyD}{\mathrel}</code>
1350	<code>\Decl\Mn@Alias\notin</code>	<code>{MnSyD}{\mathrel}</code>
1351	<code>\Decl\Mn@Char\nowns</code>	<code>{MnSyD}{\mathrel}</code>
1352	<code>\Decl\Mn@Char\nless</code>	<code>{MnSyD}{\mathrel}</code>
1353	<code>\Decl\Mn@Char\nltr</code>	<code>{MnSyD}{\mathrel}</code>
1354	<code>\Decl\Mn@Char\nleq</code>	<code>{MnSyD}{\mathrel}</code>
1355	<code>\Decl\Mn@Char\ngeq</code>	<code>{MnSyD}{\mathrel}</code>
1356	<code>\Decl\Mn@Char\nleqslant</code>	<code>{MnSyD}{\mathrel}</code>
1357	<code>\Decl\Mn@Char\ngeqslant</code>	<code>{MnSyD}{\mathrel}</code>
1358	<code>\Decl\Mn@Char\nleqq</code>	<code>{MnSyD}{\mathrel}</code>
1359	<code>\Decl\Mn@Char\ngeqq</code>	<code>{MnSyD}{\mathrel}</code>
1360	<code>\Decl\Mn@Char\nlessgtr</code>	<code>{MnSyD}{\mathrel}</code>
1361	<code>\Decl\Mn@Char\nltrless</code>	<code>{MnSyD}{\mathrel}</code>
1362	<code>\Decl\Mn@Char\nlesseqgtr</code>	<code>{MnSyD}{\mathrel}</code>
1363	<code>\Decl\Mn@Char\nltreqlless</code>	<code>{MnSyD}{\mathrel}</code>
1364	<code>\Decl\Mn@Char\nlesseqqgtr</code>	<code>{MnSyD}{\mathrel}</code>
1365	<code>\Decl\Mn@Char\nltreqqless</code>	<code>{MnSyD}{\mathrel}</code>
1366	<code>\Decl\Mn@Char\nlesseqgtrslant</code>	<code>{MnSyD}{\mathrel}</code>
1367	<code>\Decl\Mn@Char\nltreqllessslant</code>	<code>{MnSyD}{\mathrel}</code>
1368	<code>\Decl\Mn@Char\nll</code>	<code>{MnSyD}{\mathrel}</code>
1369	<code>\Decl\Mn@Char\nngg</code>	<code>{MnSyD}{\mathrel}</code>
1370	<code>\Decl\Mn@Char\nlll</code>	<code>{MnSyD}{\mathrel}</code>
1371	<code>\Decl\Mn@Char\nnggg</code>	<code>{MnSyD}{\mathrel}</code>
1372	<code>\Decl\Mn@Char\nlessclosed</code>	<code>{MnSyD}{\mathrel}</code>
1373	<code>\Decl\Mn@Alias\ntriangleleft</code>	<code>{MnSyD}{\mathrel}</code>
1374	<code>\Decl\Mn@Char\nltrclosed</code>	<code>{MnSyD}{\mathrel}</code>
1375	<code>\Decl\Mn@Alias\ntriangleright</code>	<code>{MnSyD}{\mathrel}</code>
1376	<code>\Decl\Mn@Char\nleqclosed</code>	<code>{MnSyD}{\mathrel}</code>

1377	<code>\DeclMn@Alias\trianglelefteq</code>	<code>{MnSyD}{\mathrel}</code>
1378	<code>\DeclMn@Char\ngqclosed</code>	<code>{MnSyD}{\mathrel}</code>
1379	<code>\DeclMn@Alias\triangleanglerighteq</code>	<code>{MnSyD}{\mathrel}</code>
1380	<code>\DeclMn@Char\nsqsubset</code>	<code>{MnSyD}{\mathrel}</code>
1381	<code>\DeclMn@Char\nsqsupset</code>	<code>{MnSyD}{\mathrel}</code>
1382	<code>\DeclMn@Char\nsqsubseteq</code>	<code>{MnSyD}{\mathrel}</code>
1383	<code>\DeclMn@Char\nsqsupseteq</code>	<code>{MnSyD}{\mathrel}</code>
1384	<code>\DeclMn@Char\nsqsubseteqq</code>	<code>{MnSyD}{\mathrel}</code>
1385	<code>\DeclMn@Char\nsqsupseteqq</code>	<code>{MnSyD}{\mathrel}</code>
1386	<code>\DeclMn@Char\nSqsubset</code>	<code>{MnSyD}{\mathrel}</code>
1387	<code>\DeclMn@Char\nSqsupset</code>	<code>{MnSyD}{\mathrel}</code>
1388	<code>\DeclMn@Char\nsubset</code>	<code>{MnSyD}{\mathrel}</code>
1389	<code>\DeclMn@Char\nsupset</code>	<code>{MnSyD}{\mathrel}</code>
1390	<code>\DeclMn@Char\nsubseteq</code>	<code>{MnSyD}{\mathrel}</code>
1391	<code>\DeclMn@Char\nsupseteq</code>	<code>{MnSyD}{\mathrel}</code>
1392	<code>\DeclMn@Char\nsubseteqq</code>	<code>{MnSyD}{\mathrel}</code>
1393	<code>\DeclMn@Char\nsupseteqq</code>	<code>{MnSyD}{\mathrel}</code>
1394	<code>\DeclMn@Char\nSubset</code>	<code>{MnSyD}{\mathrel}</code>
1395	<code>\DeclMn@Char\nSupset</code>	<code>{MnSyD}{\mathrel}</code>
1396	<code>\DeclMn@Char\nprec</code>	<code>{MnSyD}{\mathrel}</code>
1397	<code>\DeclMn@Char\nsucc</code>	<code>{MnSyD}{\mathrel}</code>
1398	<code>\DeclMn@Char\npreceq</code>	<code>{MnSyD}{\mathrel}</code>
1399	<code>\DeclMn@Char\nsucceq</code>	<code>{MnSyD}{\mathrel}</code>
1400	<code>\DeclMn@Char\npreccurlyeq</code>	<code>{MnSyD}{\mathrel}</code>
1401	<code>\DeclMn@Char\nsucccurlyeq</code>	<code>{MnSyD}{\mathrel}</code>
1402	<code>\DeclMn@Char\nprecsim</code>	<code>{MnSyD}{\mathrel}</code>
1403	<code>\DeclMn@Char\nsuccsim</code>	<code>{MnSyD}{\mathrel}</code>
1404	<code>\DeclMn@Char\nprecapprox</code>	<code>{MnSyD}{\mathrel}</code>
1405	<code>\DeclMn@Char\nsuccapprox</code>	<code>{MnSyD}{\mathrel}</code>
1406	<code>\DeclMn@Char\nlessdot</code>	<code>{MnSyD}{\mathrel}</code>
1407	<code>\DeclMn@Char\ngtrdot</code>	<code>{MnSyD}{\mathrel}</code>
1408	<code>\DeclMn@Char\nleqdot</code>	<code>{MnSyD}{\mathrel}</code>
1409	<code>\DeclMn@Char\ngeqdot</code>	<code>{MnSyD}{\mathrel}</code>
1410	<code>\DeclMn@Char\nleqslantdot</code>	<code>{MnSyD}{\mathrel}</code>
1411	<code>\DeclMn@Char\ngeqslantdot</code>	<code>{MnSyD}{\mathrel}</code>
1412	<code>\DeclMn@Char\nleqq</code>	<code>{MnSyD}{\mathrel}</code>
1413	<code>\DeclMn@Alias\lvertneqq</code>	<code>{MnSyD}{\mathrel}</code>
1414	<code>\DeclMn@Char\gneqq</code>	<code>{MnSyD}{\mathrel}</code>
1415	<code>\DeclMn@Alias\gvertneqq</code>	<code>{MnSyD}{\mathrel}</code>
1416	<code>\DeclMn@Char\lessneqqgtr</code>	<code>{MnSyD}{\mathrel}</code>
1417	<code>\DeclMn@Char\gtrneqqless</code>	<code>{MnSyD}{\mathrel}</code>
1418	<code>\DeclMn@Char\sqssubsetneq</code>	<code>{MnSyD}{\mathrel}</code>
1419	<code>\DeclMn@Char\sqsupsetneq</code>	<code>{MnSyD}{\mathrel}</code>
1420	<code>\DeclMn@Char\sqssubsetneqq</code>	<code>{MnSyD}{\mathrel}</code>
1421	<code>\DeclMn@Char\sqsupsetneqq</code>	<code>{MnSyD}{\mathrel}</code>
1422	<code>\DeclMn@Char\subsetneq</code>	<code>{MnSyD}{\mathrel}</code>
1423	<code>\DeclMn@Alias\varsubsetneq</code>	<code>{MnSyD}{\mathrel}</code>
1424	<code>\DeclMn@Char\supsetneq</code>	<code>{MnSyD}{\mathrel}</code>
1425	<code>\DeclMn@Alias\varsupsetneq</code>	<code>{MnSyD}{\mathrel}</code>
1426	<code>\DeclMn@Char\subsetneqq</code>	<code>{MnSyD}{\mathrel}</code>
1427	<code>\DeclMn@Alias\varsubsetneqq</code>	<code>{MnSyD}{\mathrel}</code>
1428	<code>\DeclMn@Char\supsetneqq</code>	<code>{MnSyD}{\mathrel}</code>
1429	<code>\DeclMn@Alias\varsupsetneqq</code>	<code>{MnSyD}{\mathrel}</code>
1430	<code>\DeclMn@Char\precnsim</code>	<code>{MnSyD}{\mathrel}</code>

```

1431 \Decl@Mn@Char\succnsim           {MnSyD}{\mathrel}
1432 \Decl@Mn@Char\precnapprox       {MnSyD}{\mathrel}
1433 \Decl@Mn@Char\succnapprox       {MnSyD}{\mathrel}
1434
1435 \DeclareRobustCommand{\coloneq}{\mathrel{\{\vdotdot\}{\equal}}}
```

MnSymbolF: Big operators.

```

1436 \Set@Mn@Sym{0}
1437 \Decl@Mn@Char\tbigplus           {symbols}{\mathop}
1438 \Decl@Mn@Char\dbigplus           {symbols}{\mathop}
1439 \Decl@Mn@Char\tbigtimes          {symbols}{\mathop}
1440 \Decl@Mn@Char\dbigtimes          {symbols}{\mathop}
1441 \Decl@Mn@Char\tbigwedge          {symbols}{\mathop}
1442 \Decl@Mn@Char\dbigwedge          {symbols}{\mathop}
1443 \Decl@Mn@Char\tbigvee            {symbols}{\mathop}
1444 \Decl@Mn@Char\dbigvee            {symbols}{\mathop}
1445 \Decl@Mn@Char\tbigwedgedot      {symbols}{\mathop}
1446 \Decl@Mn@Char\dbigwedgedot      {symbols}{\mathop}
1447 \Decl@Mn@Char\tbigveedot        {symbols}{\mathop}
1448 \Decl@Mn@Char\dbigveedot        {symbols}{\mathop}
1449 \Decl@Mn@Char\tbigdoublewedge    {symbols}{\mathop}
1450 \Decl@Mn@Char\dbigdoublewedge    {symbols}{\mathop}
1451 \Decl@Mn@Char\tbigdoublevee      {symbols}{\mathop}
1452 \Decl@Mn@Char\dbigdoublevee      {symbols}{\mathop}
1453 \Decl@Mn@Char\tbigcurlywedge     {symbols}{\mathop}
1454 \Decl@Mn@Char\dbigcurlywedge     {symbols}{\mathop}
1455 \Decl@Mn@Char\tbigcurlyvee       {symbols}{\mathop}
1456 \Decl@Mn@Char\dbigcurlyvee       {symbols}{\mathop}
1457 \Decl@Mn@Char\tbigcurlywedgedot {symbols}{\mathop}
1458 \Decl@Mn@Char\dbigcurlywedgedot {symbols}{\mathop}
1459 \Decl@Mn@Char\tbigcurlyveedot    {symbols}{\mathop}
1460 \Decl@Mn@Char\dbigcurlyveedot    {symbols}{\mathop}
1461 \Decl@Mn@Char\tbigdoublecurlywedge {symbols}{\mathop}
1462 \Decl@Mn@Char\dbigdoublecurlywedge {symbols}{\mathop}
1463 \Decl@Mn@Char\tbigdoublecurlyvee {symbols}{\mathop}
1464 \Decl@Mn@Char\dbigdoublecurlyvee {symbols}{\mathop}
1465 \Decl@Mn@Char\tbigcap            {symbols}{\mathop}
1466 \Decl@Mn@Char\dbigcap            {symbols}{\mathop}
1467 \Decl@Mn@Char\tbigcup            {symbols}{\mathop}
1468 \Decl@Mn@Char\dbigcup            {symbols}{\mathop}
1469 \Decl@Mn@Char\tbigcapdot         {symbols}{\mathop}
1470 \Decl@Mn@Char\dbigcapdot         {symbols}{\mathop}
1471 \Decl@Mn@Char\tbigcupdot          {symbols}{\mathop}
1472 \Decl@Mn@Char\dbigcupdot          {symbols}{\mathop}
1473 \Decl@Mn@Char\tbigcapplus        {symbols}{\mathop}
1474 \Decl@Mn@Char\dbigcapplus        {symbols}{\mathop}
1475 \Decl@Mn@Char\tbigcupplus         {symbols}{\mathop}
1476 \Decl@Mn@Char\dbigcupplus         {symbols}{\mathop}
1477 \Decl@Mn@Char\tbigsqcap          {symbols}{\mathop}
1478 \Decl@Mn@Char\dbigsqcap          {symbols}{\mathop}
1479 \Decl@Mn@Char\tbigsqcup          {symbols}{\mathop}
1480 \Decl@Mn@Char\dbigsqcup          {symbols}{\mathop}
1481 \Decl@Mn@Char\tbigsqcapdot        {symbols}{\mathop}
1482 \Decl@Mn@Char\dbigsqcapdot        {symbols}{\mathop}
1483 \Decl@Mn@Char\tbigsqcupdot        {symbols}{\mathop}
```

1484	\Decl\Mn@Char\dbigsqcupdot	{symbols}{\mathop}
1485	\Decl\Mn@Char\tbigsqcapplus	{symbols}{\mathop}
1486	\Decl\Mn@Char\dbigsqcapplus	{symbols}{\mathop}
1487	\Decl\Mn@Char\tbigsqcupplus	{symbols}{\mathop}
1488	\Decl\Mn@Char\dbigsqcupplus	{symbols}{\mathop}
1489	\Decl\Mn@Char\tbigcircle	{symbols}{\mathop}
1490	\Decl\Mn@Char\dbigcircle	{symbols}{\mathop}
1491	\Decl\Mn@Char\tbigominus	{symbols}{\mathop}
1492	\Decl\Mn@Char\dbigominus	{symbols}{\mathop}
1493	\Decl\Mn@Char\tbigovert	{symbols}{\mathop}
1494	\Decl\Mn@Char\dbigovert	{symbols}{\mathop}
1495	\Decl\Mn@Char\tbigoslash	{symbols}{\mathop}
1496	\Decl\Mn@Char\dbigoslash	{symbols}{\mathop}
1497	\Decl\Mn@Char\tbigobackslash	{symbols}{\mathop}
1498	\Decl\Mn@Char\dbigobackslash	{symbols}{\mathop}
1499	\Decl\Mn@Char\tbigoplus	{symbols}{\mathop}
1500	\Decl\Mn@Char\dbigoplus	{symbols}{\mathop}
1501	\Decl\Mn@Char\tbigotimes	{symbols}{\mathop}
1502	\Decl\Mn@Char\dbigotimes	{symbols}{\mathop}
1503	\Decl\Mn@Char\tbigodot	{symbols}{\mathop}
1504	\Decl\Mn@Char\dbigodot	{symbols}{\mathop}
1505	\Decl\Mn@Char\tbigocirc	{symbols}{\mathop}
1506	\Decl\Mn@Char\dbigocirc	{symbols}{\mathop}
1507	\Decl\Mn@Char\tbigotriangle	{symbols}{\mathop}
1508	\Decl\Mn@Char\dbigotriangle	{symbols}{\mathop}
1509	\Decl\Mn@Char\tbigoast	{symbols}{\mathop}
1510	\Decl\Mn@Char\dbigoast	{symbols}{\mathop}
1511	\Decl\Mn@Char\tbigostar	{symbols}{\mathop}
1512	\Decl\Mn@Char\dbigostar	{symbols}{\mathop}
1513	\Decl\Mn@Char\tprod	{symbols}{\mathop}
1514	\Decl\Mn@Char\dprod	{symbols}{\mathop}
1515	\Decl\Mn@Char\tcoprod	{symbols}{\mathop}
1516	\Decl\Mn@Char\dcoprod	{symbols}{\mathop}
1517	\Decl\Mn@Char\tsum	{symbols}{\mathop}
1518	\Decl\Mn@Char\dsun	{symbols}{\mathop}
1519	\Decl\Mn@Char\tint	{symbols}{\mathop}
1520	\Decl\Mn@Char\dint	{symbols}{\mathop}
1521	\Decl\Mn@Char\tiint	{symbols}{\mathop}
1522	\Decl\Mn@Char\diint	{symbols}{\mathop}
1523	\Decl\Mn@Char\tiiint	{symbols}{\mathop}
1524	\Decl\Mn@Char\diint	{symbols}{\mathop}
1525	\Decl\Mn@Char\tiiiint	{symbols}{\mathop}
1526	\Decl\Mn@Char\diint	{symbols}{\mathop}
1527	\Decl\Mn@Char\tidotsint	{symbols}{\mathop}
1528	\Decl\Mn@Char\didotsint	{symbols}{\mathop}
1529	\Decl\Mn@Char\tlandupint	{symbols}{\mathop}
1530	\Decl\Mn@Char\dlandupint	{symbols}{\mathop}
1531	\Decl\Mn@Char\tlanddownint	{symbols}{\mathop}
1532	\Decl\Mn@Char\dlanddownint	{symbols}{\mathop}
1533	\Decl\Mn@Char\tstrokedint	{symbols}{\mathop}
1534	\Decl\Mn@Char\dstrokedint	{symbols}{\mathop}
1535	\Decl\Mn@Char\toint	{symbols}{\mathop}
1536	\Decl\Mn@Char\dooint	{symbols}{\mathop}
1537	\Decl\Mn@Char\tooint	{symbols}{\mathop}

1538 \Decl\Mn@Char\dooint {symbols}{\mathop}
1539 \Decl\Mn@Char\trcirclerightint {symbols}{\mathop}
1540 \Decl\Mn@Char\drcirclerightint {symbols}{\mathop}
1541 \Decl\Mn@Char\tlcirclerightint {symbols}{\mathop}
1542 \Decl\Mn@Char\dlcirclerightint {symbols}{\mathop}
1543 \Decl\Mn@Char\trcircleleftint {symbols}{\mathop}
1544 \Decl\Mn@Char\drcircleleftint {symbols}{\mathop}
1545 \Decl\Mn@Char\tlcircleleftint {symbols}{\mathop}
1546 \Decl\Mn@Char\dlcircleleftint {symbols}{\mathop}
1547 \Decl\Mn@Char\tsumint {symbols}{\mathop}
1548 \Decl\Mn@Char\dsumint {symbols}{\mathop}
1549 \Decl\Mn@Char\partialvartint {symbols}{\mathop}
1550 \Decl\Mn@Char\partialvardint {symbols}{\mathop}
1551 \Decl\Mn@Char\partialvartlandupint {symbols}{\mathop}
1552 \Decl\Mn@Char\partialvardlandupint {symbols}{\mathop}
1553 \Decl\Mn@Char\partialvartlanddownint {symbols}{\mathop}
1554 \Decl\Mn@Char\partialvardlanddownint {symbols}{\mathop}
1555 \Decl\Mn@Char\partialvartstrokedint {symbols}{\mathop}
1556 \Decl\Mn@Char\partialvardstrokedint {symbols}{\mathop}
1557 \Decl\Mn@Char\partialvartoint {symbols}{\mathop}
1558 \Decl\Mn@Char\partialvardoint {symbols}{\mathop}
1559 \Decl\Mn@Char\partialvartointint {symbols}{\mathop}
1560 \Decl\Mn@Char\partialvardointint {symbols}{\mathop}
1561 \Decl\Mn@Char\partialvartrcirclerightint {symbols}{\mathop}
1562 \Decl\Mn@Char\partialvardrcirclerightint {symbols}{\mathop}
1563 \Decl\Mn@Char\partialvartlcirclerightint {symbols}{\mathop}
1564 \Decl\Mn@Char\partialvardlcirclerightint {symbols}{\mathop}
1565 \Decl\Mn@Char\partialvartrcircleleftint {symbols}{\mathop}
1566 \Decl\Mn@Char\partialvardrcircleleftint {symbols}{\mathop}
1567 \Decl\Mn@Char\partialvartlcircleleftint {symbols}{\mathop}
1568 \Decl\Mn@Char\partialvardlcircleleftint {symbols}{\mathop}
1569 \Decl\Mn@Char\partialvartsumint {symbols}{\mathop}
1570 \Decl\Mn@Char\partialvardsumint {symbols}{\mathop}
1571 \Decl\Mn@Char\tcomplement {symbols}{\mathop}
1572 \Decl\Mn@Char\dcomplement {symbols}{\mathop}
1573
1574 \let\intop\tint
1575 \let\ointop\toint
1576 \Decl\Mn@Int\iint\diint\tiint
1577 \Decl\Mn@Int\iiint\diint\tiint
1578 \Decl\Mn@Int\iiiint\diiiint\tiiiint
1579 \Decl\Mn@Int\idotsint\didotsint\tidotsint
1580 \Decl\Mn@Int\landupint\dlandupint\tlandupint
1581 \Decl\Mn@Int\landdownint\dlanddownint\tlanddownint
1582 \Decl\Mn@Int\strokedint\dstrokedint\tstrokedint
1583 \Decl\Mn@Int\oiint\dooint\tooint
1584 \Decl\Mn@Int\rcirclerightint\drcirclerightint\trcirclerightint
1585 \Decl\Mn@Int\lcirclerightint\dlcirclerightint\tlcirclerightint
1586 \Decl\Mn@Int\rcircleleftint\drcircleleftint\trcircleleftint
1587 \Decl\Mn@Int\lcircleleftint\dlcircleleftint\tlcircleleftint
1588 \Decl\Mn@Int\sumint\dsumint\tsumint
1589
1590 \def\intkern@{\mkern-10mu\mathchoice{\mkern-6mu}{}}{}{}
1591 \def\intdots@{\mkern-7mu%

```

1592 \mathchoice{\mkern-3mu\@cdots\mkern-3mu}%
1593 {\{\cdotp\mkern0.5mu{\cdotp}\mkern0.5mu{\cdotp}}}%
1594 {\{\cdotp}{\cdotp}{\cdotp}}%
1595 {\{\cdotp}{\cdotp}{\cdotp}}%
1596 \mkern-6mu}
1597
1598 \DeclMnOp\bigplus\dbigplus\tbigplus
1599 \DeclMnOp\bigtimes\dbigtimes\tbigtimes
1600 \DeclMnOp\bigwedge\dbigwedge\tbigwedge
1601 \DeclMnOp\bigvee\dbigvee\tbigvee
1602 \DeclMnOp\bigwedgedot\dbigwedgedot\tbigwedgedot
1603 \DeclMnOp\bigveedot\dbigveedot\tbigveedot
1604 \DeclMnOp\bigdoublewedge\dbigdoublewedge\tbigdoublewedge
1605 \DeclMnOp\bigdoublevee\dbigdoublevee\tbigdoublevee
1606 \DeclMnOp\bigcurlywedge\dbigcurlywedge\tbigcurlywedge
1607 \DeclMnOp\bigcurlyvee\dbigcurlyvee\tbigcurlyvee
1608 \DeclMnOp\bigcurlywedgedot\dbigcurlywedgedot\tbigcurlywedgedot
1609 \DeclMnOp\bigcurlyveedot\dbigcurlyveedot\tbigcurlyveedot
1610 \DeclMnOp\bigdoublecurlywedge\dbigdoublecurlywedge\tbigdoublecurlywedge
1611 \DeclMnOp\bigdoublecurlyvee\dbigdoublecurlyvee\tbigdoublecurlyvee
1612 \DeclMnOp\bigcap\dbigcap\tbigcap
1613 \DeclMnOp\bigcup\dbigcup\tbigcup
1614 \DeclMnOp\bigcapdot\dbigcapdot\tbigcapdot
1615 \DeclMnOp\bigcupdot\dbigcupdot\tbigcupdot
1616 \DeclMnOp\bigcapplus\dbigcapplus\tbigcapplus
1617 \DeclMnOp\bigcupplus\dbigcupplus\tbigcupplus
1618 \let\biguplus\bigcupplus
1619 \DeclMnOp\bigsqcap\dbigsqcap\tbigsqcap
1620 \DeclMnOp\bigsqcup\dbigsqcup\tbigsqcup
1621 \DeclMnOp\bigsqcapdot\dbigsqcapdot\tbigsqcapdot
1622 \DeclMnOp\bigsqcupdot\dbigsqcupdot\tbigsqcupdot
1623 \DeclMnOp\bigsqcapplus\dbigsqcapplus\tbigsqcapplus
1624 \DeclMnOp\bigsqcupplus\dbigsqcupplus\tbigsqcupplus
1625 \DeclMnOp\bigcircle\dbigcircle\tbigcircle
1626 \DeclMnOp\bigominus\dbigominus\tbigominus
1627 \DeclMnOp\bigover\dbigovert\tbigover\
1628 \DeclMnOp\bigoslash\dbigoslash\tbigoslash
1629 \DeclMnOp\bigobackslash\dbigobackslash\tbigobackslash
1630 \DeclMnOp\bigoplus\dbigoplus\tbigoplus
1631 \DeclMnOp\bigotimes\dbigotimes\tbigotimes
1632 \DeclMnOp\bigodot\dbigodot\tbigodot
1633 \DeclMnOp\bigocirc\dbigocirc\tbigocirc
1634 \DeclMnOp\bigotriangle\dbigotriangle\tbigotriangle
1635 \DeclMnOp\bigooast\dbigoast\tbigooast
1636 \DeclMnOp\bigostar\dbigostar\tbigostar
1637 \DeclMnOp\sum\dsum\tsum
1638 \DeclMnOp\prod\dprod\tprod
1639 \DeclMnOp\coprod\dcoprod\tcoprod
1640 \DeclMnOp\complement\dcomplement\tcomplement

```

Delimiters.

```

1641 \let\lfloor\undefined
1642 \let\rfloor\undefined
1643 \let\lceil\undefined
1644 \let\rceil\undefined

```

```

1645 \let\langle\undefined
1646 \let\rangle\undefined
1647
1648 \DeclMn@Open {} {largesymbols}'000}
1649 \DeclMn@Close{} {largesymbols}'005}
1650 \DeclMn@Open {\lfloor} {largesymbols}'012}
1651 \DeclMn@Close{\rfloor} {largesymbols}'017}
1652 \DeclMn@Open {\lceil} {largesymbols}'024}
1653 \DeclMn@Close{\rceil} {largesymbols}'031}
1654 \DeclMn@Open {\ulcorner} {largesymbols}'036}
1655 \DeclMn@Close{\urcorner} {largesymbols}'043}
1656 \DeclMn@Open {\llcorner} {largesymbols}'050}
1657 \DeclMn@Close{\lrcorner} {largesymbols}'055}
1658 \DeclMn@Open {\ulcorner} {largesymbols}'062}
1659 \DeclMn@Close{\ulrcorner} {largesymbols}'067}
1660 \DeclMn@Open {\lsem} {largesymbols}'102}
1661 \DeclMn@Close{\rsem} {largesymbols}'107}
1662 \DeclMn@Delim{|} {\mathord}{largesymbols}'123}
1663 \DeclMn@Delim{\vert} {\mathord}{largesymbols}'123}
1664 \DeclMn@Delim{\mvert} {\mathrel}{largesymbols}'123}
1665 \let\mid\mvert
1666 \DeclMn@Open {\lvert} {largesymbols}'123}
1667 \DeclMn@Close{\rvert} {largesymbols}'123}
1668 \DeclMn@Delim{\Vert} {\mathord}{largesymbols}'131}
1669 \let\|\Vert
1670 \DeclMn@Delim{\mVert} {\mathrel}{largesymbols}'131}
1671 \DeclMn@Open {\lVert} {largesymbols}'131}
1672 \DeclMn@Close{\rVert} {largesymbols}'131}
1673 \DeclMn@Delim{\arrowvert} {\mathord}{largesymbols}'122}
1674 \DeclMn@Delim{\Arrowvert} {\mathord}{largesymbols}'130}
1675 \DeclMn@Open {\lwavey} {largesymbols}'136}
1676 \DeclMn@Close{\rwavey} {largesymbols}'136}
1677 \DeclMn@Open {\lWavy} {largesymbols}'137}
1678 \DeclMn@Close{\rWavy} {largesymbols}'137}
1679
1680 \DeclMn@Open {<} {largesymbols}'140}
1681 \DeclMn@Close{>} {largesymbols}'145}
1682 \DeclMn@Open {\langle} {largesymbols}'140}
1683 \DeclMn@Close{\rangle} {largesymbols}'145}
1684 \DeclMn@Open {\langlebar} {largesymbols}'152}
1685 \DeclMn@Close{\ranglebar} {largesymbols}'157}
1686 \DeclMn@Open {\llangle} {largesymbols}'164}
1687 \DeclMn@Close{\rrangle} {largesymbols}'171}
1688 \DeclMn@Delim{/} {\mathord}{largesymbols}'176}
1689 \DeclMn@Delim{\backslash} {\mathord}{largesymbols}'203}
1690 \expandafter\DeclareMathDelimiter\@backslashchar
1691 {\mathord}{largesymbols}'203}{largesymbols}'203}
1692 \DeclMn@Open {(} {largesymbols}'210}
1693 \DeclMn@Close{)} {largesymbols}'215}
1694 \DeclMn@Open {\lbrace} {largesymbols}'230}
1695 \DeclMn@Close{\rbrace} {largesymbols}'235}
1696 \DeclMn@Close{\lgroup} {largesymbols}'242}
1697 \DeclMn@Open {\rgroup} {largesymbols}'243}
1698 \DeclMn@Close{\rmoustache} {largesymbols}'244}

```

```

1699 \Decl@Mn@Open {\lmoustache}          {\largesymbols}{'245}
1700 \Decl@Mn@Delim{\bracevert}{\mathord}{largesymbols}'250}

      Support for expandable braces.
1701 \DeclareMathSymbol{\downbrace}      {\mathord}{largesymbols}'251}
1702 \DeclareMathSymbol{\downbraceg}    {\mathord}{largesymbols}'252}
1703 \DeclareMathSymbol{\downbracegg}   {\mathord}{largesymbols}'253}
1704 \DeclareMathSymbol{\downbraceggg}  {\mathord}{largesymbols}'254}
1705 \DeclareMathSymbol{\downbracegggg}{\mathord}{largesymbols}'255}
1706 \DeclareMathSymbol{\upbrace}       {\mathord}{largesymbols}'256}
1707 \DeclareMathSymbol{\upbraceg}     {\mathord}{largesymbols}'257}
1708 \DeclareMathSymbol{\upbracegg}    {\mathord}{largesymbols}'260}
1709 \DeclareMathSymbol{\upbraceggg}   {\mathord}{largesymbols}'261}
1710 \DeclareMathSymbol{\upbracegggg}  {\mathord}{largesymbols}'262}
1711 \DeclareMathSymbol{\braceld}      {\mathord}{largesymbols}'263}
1712 \DeclareMathSymbol{\bracelu}     {\mathord}{largesymbols}'264}
1713 \DeclareMathSymbol{\bracerd}     {\mathord}{largesymbols}'265}
1714 \DeclareMathSymbol{\braceru}     {\mathord}{largesymbols}'266}
1715 \DeclareMathSymbol{\bracemd}     {\mathord}{largesymbols}'267}
1716 \DeclareMathSymbol{\bracemu}     {\mathord}{largesymbols}'270}
1717 \DeclareMathSymbol{\bracemid}    {\mathord}{largesymbols}'271}
1718
1719 \let\uparrow\undefined
1720 \let\downarrow\undefined
1721 \let\updownarrow\undefined
1722 \let\Uparrow\undefined
1723 \let\Downarrow\undefined
1724 \let\Updownarrow\undefined
1725 \DeclareMathDelimiter{\uparrow}     {\mathrel}{MnSyA}'001}{largesymbols}'325}
1726 \DeclareMathDelimiter{\downarrow}  {\mathrel}{MnSyA}'003}{largesymbols}'326}
1727 \DeclareMathDelimiter{\updownarrow}{\mathrel}{MnSyA}'021}{largesymbols}'327}
1728 \DeclareMathDelimiter{\Uparrow}    {\mathrel}{MnSyA}'011}{largesymbols}'330}
1729 \DeclareMathDelimiter{\Downarrow}  {\mathrel}{MnSyA}'013}{largesymbols}'331}
1730 \DeclareMathDelimiter{\Updownarrow}{\mathrel}{MnSyA}'025}{largesymbols}'332}
1731
1732
1733 % \horiz@expandable{sym1}..{sym6}{style}{arg}
1734
1735 \def\horiz@expandable#1#2#3#4#5#6#7#8{%
1736   \@mathmeasure\z@#7{#8}%
1737   \@tempdima=\wd\z@
1738   \@mathmeasure\z@#7{#1}%
1739   \ifdim\noexpand\wd\z@>\@tempdima
1740     $\m@th#7#1$%
1741   \else
1742     \@mathmeasure\z@#7{#2}%
1743     \ifdim\noexpand\wd\z@>\@tempdima
1744       $\m@th#7#2$%
1745     \else
1746       \@mathmeasure\z@#7{#3}%
1747       \ifdim\noexpand\wd\z@>\@tempdima
1748         $\m@th#7#3$%
1749       \else
1750         \@mathmeasure\z@#7{#4}%
1751         \ifdim\noexpand\wd\z@>\@tempdima

```



```

1752     $\m@th#7#4$%
1753     \else
1754     \@mathmeasure\z@#7{#5}%
1755     \ifdim\noexpand\wd\z@>\@tempdima
1756     $\m@th#7#5$%
1757     \else
1758     #6#7%
1759     \fi
1760     \fi
1761     \fi
1762     \fi
1763     \fi}
1764
1765 \def\overbrace@expandable#1#2#3{\vbox{\m@th\ialign{##\crrc
1766 #1#2{#3}\crrc\noalign{\kern2\p@\nointerlineskip}%
1767 $\m@th\hfil#2#3\hfil$\crrc}}}}
1768 \def\underbrace@expandable#1#2#3{\vtop{\m@th\ialign{##\crrc
1769 $\m@th\hfil#2#3\hfil$\crrc
1770 \noalign{\kern2\p@\nointerlineskip}%
1771 #1#2{#3}\crrc}}}}
1772
1773 \def\overbrace@#1#2#3{\vbox{\m@th\ialign{##\crrc
1774 #1#2\crrc\noalign{\kern2\p@\nointerlineskip}%
1775 $\m@th\hfil#2#3\hfil$\crrc}}}}
1776 \def\underbrace@#1#2#3{\vtop{\m@th\ialign{##\crrc
1777 $\m@th\hfil#2#3\hfil$\crrc
1778 \noalign{\kern2\p@\nointerlineskip}%
1779 #1#2\crrc}}}}
1780
1781 \def\bracefill@#1#2#3#4#5{${\m@th#5#1\leaders\hbox{##4$}\hfill#2\leaders\hbox{##4$}\hfill#3$}
1782
1783 \def\downbracefill@{\bracefill@\braced\bracemid\bracerd\bracemid}
1784 \def\upbracefill@{\bracefill@\bracelu\bracemu\braceru\bracemid}
1785 \def\downgroupfill@{\bracefill@\braced\bracerd\bracemid}
1786 \def\upgroupfill@{\bracefill@\bracelu\braceru\bracemid}
1787 \def\linesegmentfill@{\arrowfill@\leftfootline\relbar\rightfootline}
1788 \def\leftharpoonfill@{\arrowfill@\leftharpoondown\relbar\relbar}
1789 \def\rightharpoonfill@{\arrowfill@\relbar\relbar\rightharpoonup}
1790
1791 \DeclareRobustCommand{\downbracefill}{\downbracefill@\textstyle}
1792 \DeclareRobustCommand{\upbracefill}{\upbracefill@\textstyle}
1793
1794 \def\upbrace@expandable{%
1795     \horiz@expandable
1796     \upbrace
1797     \upbraceg
1798     \upbracegg
1799     \upbraceggg
1800     \upbracegggg
1801     \upbracefill@}
1802 \def\downbrace@expandable{%
1803     \horiz@expandable
1804     \downbrace
1805     \downbraceg

```

```

1806 \downbracegg
1807 \downbraceggg
1808 \downbracegggg
1809 \downbracefill@}
1810
1811 \DeclareRobustCommand{\overbrace}[1]{\mathop{\mathpalette{\overbrace@expandable\downbrace@expanda
1812 \DeclareRobustCommand{\underbrace}[1]{\mathop{\mathpalette{\underbrace@expandable\upbrace@expanda
1813
1814 \DeclareRobustCommand{\overgroup}{\mathpalette{\overbrace@\downgroupfill@}}
1815 \DeclareRobustCommand{\undergroup}{\mathpalette{\underbrace@\upgroupfill@}}
1816 \DeclareRobustCommand{\overlinesegment}{\mathpalette{\overarrow@\linesegmentfill@}}
1817 \DeclareRobustCommand{\overleftharpoon}{\mathpalette{\overarrow@\leftharpoonfill@}}
1818 \DeclareRobustCommand{\overrightharpoon}{\mathpalette{\overarrow@\rightharpoonfill@}}
1819 \DeclareRobustCommand{\underlinesegment}{\mathpalette{\underarrow@\linesegmentfill@}}

```

Mathchars.

```

1820 \DeclareMathSymbol{=}{\mathrel} {MnSyD}{'000}
1821 \DeclareMathSymbol{<}{\mathrel} {MnSyD}{'100}
1822 \DeclareMathSymbol{>}{\mathrel} {MnSyD}{'101}
1823 \DeclareMathSymbol{+}{\mathbin} {MnSyC}{'024}
1824 \DeclareMathSymbol{-}{\mathbin} {MnSyC}{'020}
1825 \DeclareMathSymbol{*}{\mathbin} {MnSyC}{'207}
1826 \DeclareMathSymbol{|}{\mathord} {largesymbols}'123}
1827 \DeclareMathSymbol{({}{\mathopen} {largesymbols}'210}
1828 \DeclareMathSymbol{)}{\mathclose}{largesymbols}'215}
1829 \DeclareMathSymbol{:}{\mathrel} {MnSyC}'002}
1830 \DeclareMathSymbol{[}{\mathopen} {largesymbols}'000}
1831 \DeclareMathSymbol{]}{\mathclose}{largesymbols}'005}
1832 \DeclareMathSymbol{/}{\mathord} {largesymbols}'176}
1833
1834 \DeclareMathRadical{\sqrtsgn}{largesymbols}'272}{largesymbols}'272}
1835 \DeclareRobustCommand{\surd}{\mathchar'11672}}
1836
1837 \DeclareMathAccent{\widehat}{\mathord}{largesymbols}'302}
1838 \DeclareMathAccent{\widetilde}{\mathord}{largesymbols}'307}
1839 \DeclareMathAccent{\wideparen}{\mathord}{largesymbols}'314}
1840 \DeclareMathAccent{\vec}{\mathord}{largesymbols}'321}
1841 \DeclareMathAccent{\middlebar}{\mathord}{largesymbols}'322}
1842 \DeclareMathAccent{\middleslash}{\mathord}{largesymbols}'323}
1843 \DeclareMathAccent{\strokethrough}{\mathord}{largesymbols}'324}

```

There is no `\not` symbol in MnSymbol since all symbols come with a stroked companion. For compatibility we define a `\not` command that places a virgule over the following symbol.

```

1844 %\def\overstrike#1#2{%
1845 % \mathchoice
1846 % {\@overstrike\displaystyle{#1}{#2}}%
1847 % {\@overstrike\textstyle{#1}{#2}}%
1848 % {\@overstrike\scriptstyle{#1}{#2}}%
1849 % {\@overstrike\scriptscriptstyle{#1}{#2}}%
1850 % #2}
1851 %\def\@overstrike#1#2#3{%
1852 % {\setbox0\hbox{${\m@th#1#3$}}%
1853 % \hbox to \wd0{\hss${\m@th#1#2$}\hss}%
1854 % \kern-\wd0}}

```

```
1855 %\def\not#1{\mathrel{\overstrike{/}{#1}}}
1856 \def\c@ncel#1#2{\m@th\oalign{${\hfil#1/\hfil$\c@r#1#2$}}
1857 \def\not#1{\mathrel{\m@th\mathpalette\c@ncel{#1}}}
1858 %
1859 %\renewcommand{\AmSfont}{%
1860 % \usefont{OMS}{MnSymbolS}{\if\@xp\@car\f@series\@nil bb\else m\fi}{n}}
1861 /style)
```