

## 1 Arrows

$\rightarrow$  ;  $\uparrow$  ;  $\leftarrow$  ;  $\downarrow$  ;  $\nearrow$  ;  $\nwarrow$  ;  $\swarrow$  ;  $\searrow$  ;  
 $\Rightarrow$  ;  $\Uparrow$  ;  $\Leftarrow$  ;  $\Downarrow$  ;  $\Nearrow$  ;  $\Nwarrow$  ;  $\Searrow$  ;  
 $\Swarrow$  ;  $\leftrightharpoonup$  ;  $\updownarrow$  ;  $\Leftrightarrow$  ;  $\Updownarrow$  ;  $\twoheadrightarrow$  ;  
 $\twoheaduparrow$  ;  $\twoheadleftarrow$  ;  $\twoheaddownarrow$  ;

## 2 Binary operators

$\cdot$  ;  $:$  ;  $\cdots$  ;  $\vdots$  ;  $\udots$  ;  $\ddots$  ;  $\therefore$  ;  $\because$  ;  $\squaredots$  ;  
 $-$  ;  $+$  ;  $\times$  ;  $\pm$  ;  $\mp$  ;  $\dotminus$  ;  $\div$  ;  $\neg$  ;  $\rtimes$  ;  $\ltimes$  ;  
 $\bowtie$  ;

## 3 Braces

U+0005B:  $\left[$  left square bracket

width: 254800, height: 495040, depth: 160160, italic: 0

mathclass: open, mathname: lbracket

next: U+FF000  $\Rightarrow$  U+FF001  $\Rightarrow$  U+FF002  $\Rightarrow$  U+FF003  $\Rightarrow$

variants: U+FF006  $\Rightarrow$  U+FF005  $\Rightarrow$  U+FF004  $\Rightarrow$

U+0005D:  $\right]$  right square bracket

width: 254800, height: 495040, depth: 160160, italic: 0

mathclass: close, mathname: rbracket

next: U+FF007  $\Rightarrow$  U+FF008  $\Rightarrow$  U+FF009  $\Rightarrow$  U+FF00A  $\Rightarrow$

variants: U+FF00D  $\Rightarrow$  U+FF00C  $\Rightarrow$  U+FF00B  $\Rightarrow$

U+0230A:  $\lfloor$  left floor

width: 254800, height: 495040, depth: 160160, italic: 0

mathclass: open, mathname: lfloor

next: U+FF00E  $\Rightarrow$  U+FF00F  $\Rightarrow$  U+FF010  $\Rightarrow$  U+FF011  $\Rightarrow$

variants: U+FF014  $\Rightarrow$  U+FF013  $\Rightarrow$  U+FF012  $\Rightarrow$

U+0230B:  $\rfloor$  right floor

width: 254800, height: 495040, depth: 160160, italic: 0

mathclass: close, mathname: rfloor

next: U+FF015  $\Rightarrow$  U+FF016  $\Rightarrow$  U+FF017  $\Rightarrow$  U+FF018  $\Rightarrow$

variants: U+FF01B  $\Rightarrow$  U+FF01A  $\Rightarrow$  U+FF019  $\Rightarrow$

U+0231C:  $\ulcorner$  top left corner

width: 254800, height: 495040, depth: 160160, italic: 0

mathclass: open, mathname: ulcorner

next: U+FF02A  $\lceil$  => U+FF02B  $\lceil$  => U+FF02C  $\lceil$  => U+FF02D  $\lceil$

U+0231D:  $\lrcorner$  top right corner

width: 254800, height: 495040, depth: 160160, italic: 0

mathclass: close, mathname: urcorner

next: U+FF02E  $\lceil$  => U+FF02F  $\lceil$  => U+FF030  $\lceil$  => U+FF031  $\lceil$

U+0007C:  $\uparrow$  vertical line

width: 218400, height: 249340, depth: -85540, italic: 0

mathclass: nothing, mathname: arrowvert

mathclass: delimiter, mathname: vert

mathclass: open, mathname: lvert

mathclass: close, mathname: rvert

mathclass: relation, mathname: mid

mathclass: delimiter, mathname: singleverticalbar

next: U+FF601  $\uparrow$  => U+FF602  $\uparrow$  => U+FF603  $\uparrow$  => U+FF604  $\uparrow$  => U+FF048  $\uparrow$  => U+FF049  $\uparrow$  => U+FF04A  $\uparrow$   
=> U+FF04B  $\uparrow$

variants: U+FF04E  $\uparrow$  => U+FF04D  $\uparrow$  => U+FF04C  $\uparrow$

U+02016:  $\updownarrow$  double vertical line

width: 347620, height: 249340, depth: -85540, italic: 0

mathclass: delimiter, mathname: Vert

mathclass: nothing, mathname: Arrowvert

mathclass: open, mathname: lVert

mathclass: close, mathname: rVert

mathclass: delimiter, mathname: doubleverticalbar

next: U+FF605  $\updownarrow$  => U+FF606  $\updownarrow$  => U+FF607  $\updownarrow$  => U+FF608  $\updownarrow$  => U+FF04F  $\updownarrow$  => U+FF050  $\updownarrow$  => U+FF051  $\updownarrow$   
=> U+FF052  $\updownarrow$

variants: U+FF055  $\updownarrow$  => U+FF054  $\updownarrow$  => U+FF053  $\updownarrow$

U+027E8:  $\lceil$  mathematical left angle bracket

width: 254800, height: 495040, depth: 160160, italic: 0

mathclass: open, mathname: langle

next: U+FF056  $\lceil$  => U+FF057  $\lceil$  => U+FF058  $\lceil$  => U+FF059  $\lceil$

U+027E9:  $\rceil$  mathematical right angle bracket

width: 254800, height: 495040, depth: 160160, italic: 0

mathclass: close, mathname: rangle

next: U+FF05A  $\rceil$  => U+FF05B  $\rceil$  => U+FF05C  $\rceil$  => U+FF05D  $\rceil$

U+02989:  $\lceil$  z notation left binding bracket

width: 254800, height: 495040, depth: 160160, italic: 0

next:  $U+FF05E \llbracket \Rightarrow U+FF05F \llbracket \Rightarrow U+FF060 \llbracket \Rightarrow U+FF061 \llbracket$

$U+027EB: \rangle\rangle$  mathematical right double angle bracket  
width: 359011, height: 495040, depth: 160160, italic: 0  
mathclass: close, mathname: rrangle

next:  $U+FF06A \rangle\rangle \Rightarrow U+FF06B \rangle\rangle \Rightarrow U+FF06C \rangle\rangle \Rightarrow U+FF06D \rangle\rangle$

$U+0002F: /$  solidus  
width: 273000, height: 495040, depth: 160160, italic: 0  
mathclass: middle, mathname: no name  
mathclass: ordinary, mathname: no name

next:  $U+FF06E \lrcorner \Rightarrow U+FF06F \lrcorner \Rightarrow U+FF070 \lrcorner \Rightarrow U+FF071 \lrcorner$

$U+0005C: \backslash$  reverse solidus  
width: 273000, height: 495040, depth: 160160, italic: 0  
mathclass: nothing, mathname: backslash

next:  $U+FF072 \lrcorner \Rightarrow U+FF073 \lrcorner \Rightarrow U+FF074 \lrcorner \Rightarrow U+FF075 \lrcorner$

$U+00028: ($  left parenthesis  
width: 291201, height: 495040, depth: 160160, italic: 0  
mathclass: open, mathname: lparent

next:  $U+FF076 \lceil \Rightarrow U+FF077 \lceil \Rightarrow U+FF078 \lceil \Rightarrow U+FF079 \lceil$

variants:  $U+FF07C \lceil \Rightarrow U+FF07B \lrcorner \Rightarrow U+FF07A \lrcorner$

$U+00029: )$  right parenthesis  
width: 291201, height: 495040, depth: 160160, italic: 0  
mathclass: close, mathname: rparent

next:  $U+FF07D \rceil \Rightarrow U+FF07E \rceil \Rightarrow U+FF07F \rceil \Rightarrow U+FF080 \rceil$

variants:  $U+FF083 \rceil \Rightarrow U+FF082 \lrcorner \Rightarrow U+FF081 \lrcorner$

$U+0007B: \{$  left curly bracket  
width: 327600, height: 495040, depth: 160160, italic: 0  
mathclass: open, mathname: lbrace



next:  $U+FF084 \lceil \Rightarrow U+FF085 \lceil \Rightarrow U+FF086 \lceil \Rightarrow U+FF087 \lceil$

variants:  $U+FF08C \lrcorner \Rightarrow U+FF08B \lrcorner \Rightarrow U+FF08A \lrcorner \Rightarrow U+FF089 \lrcorner \Rightarrow U+FF088 \lrcorner$

$U+0007D: \}$  right curly bracket  
width: 327600, height: 495040, depth: 160160, italic: 0  
mathclass: close, mathname: rbrace





next:  $U+FF08D \rceil \Rightarrow U+FF08E \rceil \Rightarrow U+FF08F \rceil \Rightarrow U+FF090 \rceil$






variants:  $U+FF095 \rceil \Rightarrow U+FF094 \rceil \Rightarrow U+FF093 \rceil \Rightarrow U+FF092 \rceil \Rightarrow U+FF091 \rceil$



U+023DE:   top curly bracket

width: 655200, height: 333515, depth: 10465, italic: 0

mathclass: topaccent, mathname: overbrace





next: U+FF096  => U+FF097  => U+FF098  => U+FF099 






variants: U+FF09A  => U+FF09B  => U+FF09C  => U+FF09D  => U+FF09E 


U+023DF:   bottom curly bracket

width: 655200, height: 333515, depth: 10465, italic: 0

mathclass: botaccent, mathname: underbrace





next: U+FF09F  => U+FF0A0  => U+FF0A1  => U+FF0A2 


variants: U+FF0A3  => U+FF0A4  => U+FF0A5  => U+FF0A6  => U+FF0A7 

U+00302:  combining circumflex accent

width: 400400, height: 436800, depth: 0, italic: 0

mathclass: topaccent, mathname: widehat

next: U+FF0A8  => U+FF0A9  => U+FF0AA  => U+FF0AB 





U+0221A:  square root



width: 564200, height: 31213, depth: 625725, italic: 0

mathclass: root, mathname: rootradical

mathclass: radical, mathname: surd

mathclass: ordinary, mathname: surd

next: U+FF0B4  => U+FF0B5  => U+FF0B6  => U+FF0B7 

variants: U+FF0BA  => U+FF0B9  => U+FF0B8 