

1 CUA

1.1 BASIC SHORTCUTS

	Shortcut	Output	Explanations
1	Ctrl+r	buffer-view	
2	Alt+x	command-execute	

1.2 UNIVERSAL SHORTCUTS

	Shortcut	Output	Explanations
1	Ctrl+n	buffer-new	
2	Ctrl+Shift+N	dialog-show lyxfiles templates	
3	Ctrl+o	file-open	
4	Ctrl+w	view-close	
5	Ctrl+s	buffer-write	
6	Ctrl+Shift+S	buffer-write-as	
7	Ctrl+Next	buffer-next	
8	Ctrl+Tab	buffer-next	
9	Ctrl+Prior	buffer-previous	
10	Ctrl+Shift+Tab	buffer-previous	
11	Alt+F4	lyx-quit	
12	Ctrl+F4	buffer-close	
13	F11	ui-toggle fullscreen	
14	Ctrl+0	buffer-zoom	
15	Ctrl+=	buffer-zoom-in	
16	Ctrl+-	buffer-zoom-out	
17	Ctrl+f	dialog-show findreplace	
18	Ctrl+Shift+F	dialog-show findreplaceadv	
19	Ctrl+a	inset-select-all	
20	Ctrl+c	copy	
21	Ctrl+x	cut	
22	Ctrl+v	paste	
23	Ctrl+Alt+v	clipboard-paste	
24	Ctrl+Shift+V	clipboard-paste-simple	
25	Ctrl+z	undo	
26	Ctrl+y	redo	

1.3 MOTION & SELECTION

	Shortcut	Output	Explanations
1	Ctrl+KP_Insert	paragraph-up	
2	Ctrl+KP_Delete	paragraph-down	
3	Ctrl+Home	buffer-begin	
4	Ctrl+End	buffer-end	
5	Ctrl+Alt+Home	inset-begin	
6	Ctrl+Alt+End	inset-end	
7	Ctrl+Alt+0	screen-recenter	
8	Shift+Right	char-right-select	
9	Shift+Left	char-left-select	
10	Shift+Up	up-select	
11	Shift+Down	down-select	
12	Ctrl+Shift+Up	paragraph-up-select	
13	Ctrl+Shift+Down	paragraph-down-select	
14	Shift+Home	line-begin-select	
15	Shift+End	line-end-select	
16	Shift+Prior	screen-up-select	
17	Shift+Next	screen-down-select	
18	Shift+Ctrl+Home	buffer-begin-select	
19	Shift+Ctrl+End	buffer-end-select	
20	Shift+Alt+Ctrl+Home	inset-begin-select	
21	Shift+Alt+Ctrl+End	inset-end-select	

1.4 TEXT EDIT

	Shortcut	Output	Explanations
1	F12	language hebrew	
2	Return	paragraph-break	
3	Shift+Return	newline-insert newline	
4	Ctrl+Alt+Right	depth-decrement	
5	Ctrl+Alt+Left	depth-increment	
6	Ctrl+Alt+Up	command-alternative...	
7	Ctrl+Alt+Down	command-alternative...	
8	Ctrl+space	space-insert normal	
9	Ctrl+Shift+Space	space-insert thin	

1.5 NUMERIC KEYPAD

	Shortcut	Output	Explanations
1	Shift+KP_Right	char-right-select	
2	Shift+KP_Left	char-left-select	
3	Shift+KP_Up	up-select	
4	Shift+KP_Down	down-select	
5	Shift+Ctrl+KP_Right	word-right-select	
6	Shift+Ctrl+KP_Left	word-left-select	
7	Shift+Ctrl+KP_Up	paragraph-up-select	
8	Shift+Ctrl+KP_Down	paragraph-down-select	
9	Shift+KP_Home	line-begin-select	
10	Shift+KP_End	line-end-select	
11	Shift+KP_Prior	screen-up-select	
12	Shift+KP_Next	screen-down-select	
13	Shift+Ctrl+KP_Home	buffer-begin-select	
14	Shift+Ctrl+KP_End	buffer-end-select	
15	Shift+Ctrl+KP_Prior	buffer-move-previous	
16	Shift+Ctrl+KP_Next	buffer-move-next	

2 DESIGN

2.1 FONT SIZE

	Shortcut	Output	Explanations
1	Alt+s t	font-size tiny	
2	Alt+s Ctrl+s	font-size scriptsize	
3	Alt+s Shift+S	font-size footnotesize	
4	Alt+s s	font-size small	
5	Alt+s n	font-size normal	
6	Alt+s l	font-size large	
7	Alt+s Shift+L	font-size larger	
8	Alt+s Ctrl+L	font-size largest	
9	Alt+s h	font-size huge	
10	Alt+s Shift+H	font-size giant	
11	Alt+s 1	font-size tiny	
12	Alt+s 2	font-size scriptsize	
13	Alt+s 3	font-size footnotesize	
14	Alt+s 4	font-size small	
15	Alt+s 5	font-size normal	
16	Alt+s 6	font-size large	
17	Alt+s 7	font-size larger	
18	Alt+s 8	font-size largest	
19	Alt+s 9	font-size huge	
20	Alt+s 0	font-size giant	
21	Alt+s =	font-size increase	
22	Alt+s -	font-size decrease	

2.2 TEXT PROPERTIES

	Shortcut	Output	Explanations
1	Ctrl+b	font-boldsymbol	
2	Ctrl+u	font-underline	
3	Ctrl+i	font-ital	
4	Ctrl+e	font-emph	
5	Ctrl+Alt+b	font-bold	
6	Ctrl+Shift+O	font-strikeout	
7	Alt+c c	font-noun	
8	Alt+c r	font-roman	
9	Alt+c s	font-sans	
10	Alt+c p	font-typewriter	
11	Alt+c w	font-underwave	
12	Alt+c d	font-underunderline	
13	Alt+c Down	word-lowercase	
14	Alt+c Up	word-uppercase	
15	Alt+c Right	word-capitalize	
16	Alt+c space	font-default	
17	Alt+c l	textstyle-apply	

2.3 PARAGRAPH SETTINGS

	Shortcut	Output	Explanations
1	Alt+a l	paragraph-params...	
2	Alt+a r	paragraph-params...	
3	Alt+a c	paragraph-params...	
4	Alt+a j	paragraph-params...	
5	Alt+a e	paragraph-params...	
6	Alt+a i	paragraph-params...	
7	Alt+a s	paragraph-params...	
8	Alt+a o	paragraph-params...	
9	Alt+a d	paragraph-params...	
10	Alt+a f	paragraph-params...	

2.4 DIALOGS

	Shortcut	Output	Explanations
1	Ctrl+d s	inset-settings	
2	Ctrl+d t	dialog-show toc	
3	Ctrl+d c	dialog-show spellchecker	

2.5 INSERT

	Shortcut	Output	Explanations
1	Alt+r a	float-insert algorithm	
2	Alt+r b	box-insert	
3	Alt+r c	{	
4	Alt+r d	dialog-show mathdelimiter	
5	Alt+r f	command-sequence...	
6	Alt+r g	command-sequence...	
7	Alt+r h	dialog-show-new-inset line	
8	Alt+r k	href-insert	
9	Alt+r l	label-insert	
10	Alt+r n	note-insert	
11	Alt+r o	footnote-insert	
12	Alt+r p	newpage-insert newpage	
13	Alt+r r	dialog-show-new-inset ref	
14	Alt+r t	command-sequence...	

2.6 LAYOUTS

	Shortcut	Output	Explanations
1	Alt+p space	drop-layouts-choice	
2	Alt+p s	layout Standard	
3	Alt+p c	layout LyX-Code	
4	Alt+p q	layout Quote	
5	Alt+p Shift+Q	layout Quotation	
6	Alt+p v	layout Verse	
7	Alt+p l	layout Labeling	
8	Alt+p n	layout Enumerate	
9	Alt+p e	layout Enumerate	
10	Alt+p i	layout Itemize	
11	Alt+p b	layout Itemize	
12	Alt+p d	layout Description	
13	Alt+p 0	layout Part	
14	Alt+p 1	layout Chapter	
15	Alt+p 2	layout Section	
16	Alt+p 3	layout Subsection	
17	Alt+p 4	layout Subsubsection	
18	Alt+p 5	layout Paragraph	
19	Alt+p 6	layout Subparagraph	
20	Alt+p 7	layout Subparagraph	
21	Alt+p 8	layout Standard	
22	Alt+p Shift+(layout Part*	
23	Alt+p Shift+!	layout Chapter*	
24	Alt+p Shift+@	layout Section*	
25	Alt+p Shift+#	layout Subsection*	
26	Alt+p Shift+\$	layout Subsubsection*	
27	Alt+p Shift+%	layout Paragraph*	
28	Alt+p Shift+&	layout Subparagraph*	
29	Alt+p t	layout Title	
30	Alt+p Shift+A	layout Author	
31	Alt+p a	layout Abstract	
32	Alt+p Shift+D	layout Date	
33	Alt+p Alt+a	layout Address	
34	Alt+p Ctrl+a	layout Right_Address	
35	Alt+p Shift+B	layout Bibliography	
36	Alt+e d	layout Definition	
37	Alt+e t	layout Theorem	
38	Alt+e x	layout Corollary	
39	Alt+e c	layout Claim	
40	Alt+e l	layout Lemma	
41	Alt+e e	layout Example	
42	Alt+e p	layout Problem	
43	Alt+e s	layout Solution	
44	Alt+e ,	layout Exercise	
45	Alt+e g	layout Remark	

2.7 COLORS

	Shortcut	Output	Explanations
1	Alt+o 0	textstyle-update family 16 series 2 shape 4 size 12 color 0 language ignore	
2	Alt+o 1	textstyle-update family 16 series 2 shape 4 size 12 color 1 language ignore	
3	Alt+o 2	textstyle-update family 16 series 2 shape 4 size 12 color 2 language ignore	
4	Alt+o b	textstyle-update family 16 series 2 shape 4 size 12 color 3 language ignore	
5	Alt+o n	textstyle-update family 16 series 2 shape 4 size 12 color 4 language ignore	
6	Alt+o c	textstyle-update family 16 series 2 shape 4 size 12 color 5 language ignore	
7	Alt+o Ctrl+y	textstyle-update family 16 series 2 shape 4 size 12 color 6 language ignore	
8	Alt+o y	textstyle-update family 16 series 2 shape 4 size 12 color 7 language ignore	
9	Alt+o g	textstyle-update family 16 series 2 shape 4 size 12 color 8 language ignore	
10	Alt+o Alt+y	textstyle-update family 16 series 2 shape 4 size 12 color 9 language ignore	
11	Alt+o Alt+g	textstyle-update family 16 series 2 shape 4 size 12 color 10 language ignore	
12	Alt+o m	textstyle-update family 16 series 2 shape 4 size 12 color 11 language ignore	
13	Alt+o l	textstyle-update family 16 series 2 shape 4 size 12 color 12 language ignore	
14	Alt+o o	textstyle-update family 16 series 2 shape 4 size 12 color 13 language ignore	
15	Alt+o Alt+p	textstyle-update family 16 series 2 shape 4 size 12 color 14 language ignore	
16	Alt+o p	textstyle-update family 16 series 2 shape 4 size 12 color 15 language ignore	
17	Alt+o r	textstyle-update family 16 series 2 shape 4 size 12 color 16 language ignore	
18	Alt+o t	textstyle-update family 16 series 2 shape 4 size 12 color 17 language ignore	
19	Alt+o v	textstyle-update family 16 series 2 shape 4 size 12 color 18 language ignore	
20	Alt+o w	textstyle-update family 16 series 2 shape 4 size 12 color 19 language ignore	
21	Alt+o Shift+)	textstyle-update family 16 series 1 shape 4 size 12 color 0 language ignore	
22	Alt+o Shift+!	textstyle-update family 16 series 1 shape 4 size 12 color 1 language ignore	
23	Alt+o Shift+@	textstyle-update family 16 series 1 shape 4 size 12 color 2 language ignore	
24	Alt+o Shift+B	textstyle-update family 16 series 1 shape 4 size 12 color 3 language ignore	
25	Alt+o Shift+N	textstyle-update family 16 series 1 shape 4 size 12 color 4 language ignore	
26	Alt+o Shift+C	textstyle-update family 16 series 1 shape 4 size 12 color 5 language ignore	
27	Alt+o Ctrl+Shift+Y	textstyle-update family 16 series 1 shape 4 size 12 color 6 language ignore	
28	Alt+o Shift+Y	textstyle-update family 16 series 1 shape 4 size 12 color 7 language ignore	
29	Alt+o Shift+G	textstyle-update family 16 series 1 shape 4 size 12 color 8 language ignore	
30	Alt+o Alt+Shift+Y	textstyle-update family 16 series 1 shape 4 size 12 color 9 language ignore	
31	Alt+o Alt+Shift+G	textstyle-update family 16 series 1 shape 4 size 12 color 10 language ignore	
32	Alt+o Shift+M	textstyle-update family 16 series 1 shape 4 size 12 color 11 language ignore	
33	Alt+o Shift+L	textstyle-update family 16 series 1 shape 4 size 12 color 12 language ignore	
34	Alt+o Shift+O	textstyle-update family 16 series 1 shape 4 size 12 color 13 language ignore	
35	Alt+o Alt+p	textstyle-update family 16 series 1 shape 4 size 12 color 14 language ignore	
36	Alt+o Shift+P	textstyle-update family 16 series 1 shape 4 size 12 color 15 language ignore	
37	Alt+o Shift+R	textstyle-update family 16 series 1 shape 4 size 12 color 16 language ignore	
38	Alt+o Shift+T	textstyle-update family 16 series 1 shape 4 size 12 color 17 language ignore	
39	Alt+o Shift+V	textstyle-update family 16 series 1 shape 4 size 12 color 18 language ignore	
40	Alt+o Shift+W	textstyle-update family 16 series 1 shape 4 size 12 color 19 language ignore	

3 ENVIRONMENTS

3.1 ARRAYS: TABLES, MATRICES, VECTORS, etc...

	Shortcut	Output	Explanations																									
1	Ctrl+Alt+'	command-sequence...																										
2	Ctrl+Alt+;	command-sequence...																										
3	Ctrl+Shift+"	command-sequence...																										
4	Ctrl+'	command-sequence...																										
5	Ctrl+Shift+Return	command-sequence...																										
6	Alt+\\	command-sequence...																										
7	Alt+v	command-sequence...																										
8	Alt+Shift+V	command-sequence...																										
9	Ctrl+Shift+!	command-sequence...																										
10	Ctrl+Shift+@	command-sequence...																										
11	Ctrl+Shift+#	command-sequence...																										
12	Ctrl+Shift+\$	command-sequence...																										
13	Alt+m a	\bigcirc																										
14	Alt+m m	command-sequence...																										
15	Alt+m e	command-sequence...																										
16	Alt+m d	$\ $																										
17	Alt+m Shift+A	<table><tr><td></td><td>$00\rangle$</td><td>$01\rangle$</td><td>$10\rangle$</td><td>$11\rangle$</td></tr><tr><td>$\langle 00$</td><td></td><td></td><td></td><td></td></tr><tr><td>$\langle 01$</td><td></td><td></td><td></td><td></td></tr><tr><td>$\langle 10$</td><td></td><td></td><td></td><td></td></tr><tr><td>$\langle 11$</td><td></td><td></td><td></td><td></td></tr></table>		$ 00\rangle$	$ 01\rangle$	$ 10\rangle$	$ 11\rangle$	$\langle 00 $					$\langle 01 $					$\langle 10 $					$\langle 11 $					
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$\langle 11 $																												
18	Alt+]	tabular-feature append-row																										
19	Alt+[tabular-feature delete-row																										
20	Ctrl+t Ctrl+c	tabular-feature copy-row																										
21	Ctrl+t Shift+R	command-alternative...																										
22	Ctrl+t Alt+r	command-alternative...																										
23	Ctrl+t Up	tabular-feature add-hline-above																										
24	Ctrl+t Shift+Up	tabular-feature delete-hline-above																										
25	Ctrl+t Down	tabular-feature add-hline-below																										
26	Ctrl+t Shift+Down	tabular-feature delete-hline-below																										
27	Ctrl+t t	tabular-feature valign-top																										
28	Ctrl+t m	tabular-feature valign-middle																										
29	Ctrl+t b	tabular-feature valign-bottom																										
30	Ctrl+Alt+]	tabular-feature append-column																										
31	Ctrl+Alt+[tabular-feature delete-column																										
32	Ctrl+t Ctrl+Alt+c	tabular-feature copy-column																										
33	Ctrl+t Shift+C	command-alternative...																										
34	Ctrl+t Shift+C	command-alternative...																										
35	Ctrl+t Left	tabular-feature add-vline-left																										
36	Ctrl+t Shift+Left	tabular-feature delete-vline-left																										
37	Ctrl+t Right	tabular-feature add-vline-right																										

3.2 COMMON MATH ENVIRONMENTS

	Shortcut	Output	Explanations
1	Ctrl+m	math-mode	
2	Ctrl+Shift+M	math-display	
3	Ctrl+Alt+m		
4	Ctrl+l	ert-insert	
5	Alt+m n	math-number-toggle	
6	Alt+m Shift+N	math-number-line-toggle	
7	Ctrl+Alt+n	command-sequence...	
8	Alt+f		
9	Ctrl+Alt+f	/	
10	Alt+Shift+F	/	
11	Ctrl+Alt+s	$\sqrt{\quad}$	
12	Ctrl+Alt+r	$\sqrt[n]{\quad}$	
13	Ctrl+Alt+c	$\{\quad\}$	
14	Shift+&		
15	Ctrl+;	command-sequence...	
16	Ctrl+p	command-sequence...	
17	Alt+Shift+P	command-sequence...	
18	Ctrl+Shift+:	command-sequence...	
19	Ctrl+Shift+P	command-sequence...	
20	Alt+'	command-sequence...	
21	Ctrl+Alt+2	command-sequence...	
22	Ctrl+Alt+8	command-sequence...	
23	Ctrl+Alt+t	command-sequence...	
24	Ctrl+Shift+(()	
25	Ctrl+9	()	
26	Ctrl+[[]	
27	Ctrl+Shift+{	{ }	
28	Ctrl+Shift+		
29	Ctrl+,	$\langle \rangle$	
30	Ctrl+Shift+<	$\langle \rangle$	
31	Ctrl+Shift+>	$\rangle \langle$	
32	Ctrl+Shift+?		
33	Ctrl+]	⌈ ⌋	
34	Ctrl+Shift+}	⌈ ⌋	
35	Alt+Shift+{	⌊ ⌋	
36	Alt+Shift+(⌊ ⌋	
37	Alt+Shift+<	⌊ ⌋	
38	Alt+Shift+>	⌊ ⌋	
39	Alt+h	\wedge	
40	Alt+'	\sim	
41	Alt+;	\cdot	
42	Alt+Shift+:	$\ddot{\quad}$	
43	Alt+-	$\bar{\quad}$	
44	Ctrl+Shift+Q	command-sequence...	
45	Ctrl+q	command-sequence...	

3.3 ADDITIONAL MATH ENVIRONMENTS

	Shortcut	Output	Explanations
1	Alt+m Shift+V	\sim	
2	Alt+m h	\wedge	
3	Alt+m ‘	\sim	
4	Alt+m v	\rightarrow	
5	Alt+m \	\backslash	
6	Alt+m /	\prime	
7	Alt+m .	\cdot	
8	Alt+m Alt+.	$''$	
9	Alt+m Ctrl+u	\cup	
10	Alt+m -	$-$	
11	Alt+m Shift+H	$\hat{}$	
12	Alt+m Shift+~	\sim	
13	Alt+m Left	\leftarrow	
14	Alt+m Right	\rightarrow	
15	Alt+m Shift+B		
16	Alt+m b		
17	Alt+m Shift+Q	command-sequence...	
18	Alt+m q	command-sequence...	
19	Alt+m Ctrl+c	/	
20	Alt+m s	$\sqrt{}$	
21	Alt+m r	$\sqrt{}$	
22	Alt+m Ctrl+s	command-sequence...	
23	Alt+m Alt+[command-sequence...	
24	Alt+m Alt+]	command-sequence...	
25	Alt+m u	command-sequence...	
26	Alt+m x	\square	
27	Alt+m c	$()$	

4 SYMBOLS

4.1 COMMON MATH SYMBOLS

	Shortcut	Output	Explanations
1	Ctrl+Shift++	\neq	
2	Ctrl+Alt+=	\pm	
3	Ctrl+Alt+-	\mp	
4	Alt+,	\leq	
5	Alt+.	\geq	
6	Ctrl+Alt+,	\leqslant	
7	Ctrl+Alt+.	\geqslant	
8	Ctrl+‘	\cong	
9	Ctrl+Shift+~	\ncong	
10	Alt+=	\equiv	
11	Alt+Shift++	\ncong	
12	Shift+*	\cdot	
13	Ctrl+.	\dots	
14	Ctrl+/ 	\vdots	
15	Alt+/ 	\cdots	
16	Ctrl+Alt+/ 	\ddots	
17	Alt+8	∞	
18	Ctrl+8	$*$	
19	Ctrl+\ 	$ $	
20	Ctrl+Alt+\ 	\dagger	
21	Ctrl+Shift+D	∂	
22	Ctrl+k	command-sequence...	

4.2 ARROWS

	Shortcut	Output	Explanations
1	Alt+Up	\uparrow	
2	Alt+Down	\downarrow	
3	Alt+Right	\rightarrow	
4	Alt+Left	\leftarrow	
5	Alt+Shift+Up	\longleftrightarrow	
6	Alt+Shift+Down	\longleftrightarrow	
7	Alt+Shift+Right	\longrightarrow	
8	Alt+Shift+Left	\longleftarrow	
9	Ctrl+Up	\Uparrow	
10	Ctrl+Down	\Downarrow	
11	Ctrl+Right	\Rightarrow	
12	Ctrl+Left	\Leftarrow	
13	Ctrl+Shift+Up	\Leftrightarrow	
14	Ctrl+Shift+Down	\Leftrightarrow	
15	Ctrl+Shift+Right	\Longrightarrow	
16	Ctrl+Shift+Left	\Longleftarrow	
17	Alt+a Right	\mapsto	
18	Alt+a Alt+Right	\twoheadrightarrow	
19	Alt+a Ctrl+Right	\hookrightarrow	

4.3 FUNCTIONS & LIMITS

	Shortcut	Output	Explanations
1	Alt+q Shift+Z	Id	
2	Alt+q Shift+<	Im	
3	Alt+q -	sgn	
4	Alt+q Alt+n	min	
5	Alt+q Alt+x	max	
6	Alt+q m	mod	
7	Alt+q g	gcd	
8	Alt+q l	lcm	
9	Alt+q k	ker	
10	Alt+q Alt+d	dim	
11	Alt+q Shift+D	deg	
12	Alt+q d	det	
13	Alt+q Alt+t	tr	
14	Alt+q r	rk	
15	Alt+q e	exp	
16	Alt+q n	ln	
17	Alt+q Shift+N	log	
18	Alt+q Shift+A	arg	
19	Alt+q i	inf	
20	Alt+q u	sup	
21	Alt+q s	sin	
22	Alt+q c	cos	
23	Alt+q t	tan	
24	Alt+q Shift+S	arcsin	
25	Alt+q Shift+C	arccos	
26	Alt+q Shift+T	arctan	
27	Alt+q Ctrl+s	sinh	
28	Alt+q Ctrl+c	cosh	
29	Alt+q Ctrl+t	tanh	
30	Alt+q Ctrl+Shift+S	arsinh	
31	Alt+q Ctrl+Shift+C	arcosh	
32	Alt+q Ctrl+Shift+T	artanh	
33	Alt+q Shift+I	command-sequence...	
34	Alt+q Shift+U	command-sequence...	
35	Alt+q Shift+L	command-sequence...	
36	Alt+q Alt+l	$\lim_{\rightarrow 0}$	
37	Alt+q Shift+?	command-sequence...	
38	Alt+q /	command-sequence...	

4.4 SET THEORY

	Shortcut	Output	Explanations
1	Alt+i e	\emptyset	
2	Alt+i n	\mathbb{N}	
3	Alt+i z	\mathbb{Z}	
4	Alt+i q	\mathbb{Q}	
5	Alt+i r	\mathbb{R}	
6	Alt+i c	\mathbb{C}	
7	Alt+i f	\mathbb{F}	
8	Alt+i Ctrl+t	\mathbb{N}	
9	Alt+i Ctrl+c	\sqsupset	
10	Alt+i Ctrl+d	\sqsupset	
11	Alt+i Ctrl+s	\sqsupset	
12	Alt+i Alt+a	a	
13	Alt+i Alt+b	b	
14	Alt+i Alt+c	c	
15	Alt+i -	\backslash	
16	Alt+i m	\backslash	
17	Ctrl+Shift+*	\times	
18	Alt+i v	\circ	
19	Alt+i i	\in	
20	Alt+i b	\subseteq	
21	Alt+i p	\supseteq	
22	Alt+i Alt+b	\subset	
23	Alt+i Alt+p	\supset	
24	Alt+i ,	\leq	
25	Alt+i .	\geq	
26	Alt+i Alt+,	\triangleleft	
27	Alt+i Alt+.	\triangleright	
28	Alt+i Shift+I	\notin	
29	Alt+i Shift+B	\nsubseteq	
30	Alt+i Shift+P	$\not\supseteq$	
31	Alt+i Alt+Shift+B	\subsetneq	
32	Alt+i Alt+Shift+P	\supsetneq	
33	Alt+i Shift+<	\nless	
34	Alt+i Shift+>	\ngtr	
35	Alt+i Alt+Shift+<	\nless	
36	Alt+i Alt+Shift+>	\ngtr	
37	Alt+i u	\cup	
38	Alt+i d	\cup	
39	Alt+i j	\cap	
40	Alt+i 8	\otimes	
41	Alt+i =	\oplus	
42	Alt+i Shift+U	command-sequence...	
43	Alt+i Shift+D	command-sequence...	
44	Alt+i Shift+J	command-sequence...	
45	Alt+i Shift+*	command-sequence...	

4.5 LOGIC

	Shortcut	Output	Explanations
1	Alt+l n	\neg	
2	Alt+l a	\wedge	
3	Alt+l o	\vee	
4	Alt+l Shift+O	\bigvee	
5	Alt+l Shift+A	\bigwedge	
6	Alt+l f	\forall	
7	Alt+l e	\exists	
8	Alt+l Shift+E	\nexists	
9	Alt+l 0	False	
10	Alt+l 1	True	

4.6 GEOMETRY

	Shortcut	Output	Explanations
1	Alt+g t	\perp	
2	Alt+g p	\parallel	
3	Alt+g Shift+P	\nparallel	
4	Alt+g a	\angle	

4.7 INTEGRALS

	Shortcut	Output	Explanations
1	Ctrl+Alt+p	command-sequence...	
2	Ctrl+Alt+u	command-sequence...	
3	Ctrl+Alt+i	command-sequence...	
4	Ctrl+Alt+o	command-sequence...	
5	Ctrl+Shift+U	command-sequence...	
6	Ctrl+Shift+I	command-sequence...	
7	Alt+Shift+U 1	command-sequence...	
8	Alt+Shift+U 0	command-sequence...	
9	Alt+Shift+U a	$\sum_{n=1}^{\infty} a_n$	
10	Alt+Shift+U Alt+a	$\sum_{n=0}^{\infty} a_n$	
11	Alt+Shift+I	command-sequence...	
12	Alt+Shift+O	command-sequence...	

5 LETTERS

5.1 GREEK LETTERS

	Shortcut	Output	Explanations
1	Alt+w a	α	
2	Alt+w b	β	
3	Alt+w g	γ	
4	Alt+w d	δ	
5	Alt+w Alt+e	ϵ	
6	Alt+w e	ε	
7	Alt+w z	ζ	
8	Alt+w h	η	
9	Alt+w v	θ	
10	Alt+w Alt+v	ϑ	
11	Alt+w i	ι	
12	Alt+w k	κ	
13	Alt+w Alt+k	\varkappa	
14	Alt+w l	λ	
15	Alt+w m	μ	
16	Alt+w n	ν	
17	Alt+w x	ξ	
18	Alt+w p	π	
19	Alt+w Alt+p	ϖ	
20	Alt+w r	ρ	
21	Alt+w Alt+r	ϱ	
22	Alt+w s	σ	
23	Alt+w Alt+s	ς	
24	Alt+w t	τ	
25	Alt+w u	υ	
26	Alt+w f	ϕ	
27	Alt+w j	φ	
28	Alt+w Alt+f	φ	
29	Alt+w c	χ	
30	Alt+w y	ψ	
31	Alt+w o	ω	
32	Alt+w w	ω	
33	Alt+w Shift+G	Γ	
34	Alt+w Shift+D	Δ	
35	Alt+w Shift+V	Θ	
36	Alt+w Shift+L	Λ	
37	Alt+w Shift+X	Ξ	
38	Alt+w Shift+P	Π	
39	Alt+w Shift+S	Σ	
40	Alt+w Shift+U	Υ	
41	Alt+w Shift+F	Φ	
42	Alt+w Shift+Y	Ψ	
43	Alt+w Shift+O	Ω	

5.2 FONTS

	Shortcut	Output	Explanations
1	Alt+b Shift+A	À	
2	Alt+b Shift+B	Â	
3	Alt+b Shift+C	Ã	
4	Alt+b Shift+D	Ä	
5	Alt+b Shift+E	Å	
6	Alt+b Shift+F	Æ	
7	Alt+b Shift+G	Ç	
8	Alt+b Shift+H	È	
9	Alt+b Shift+I	É	
10	Alt+b Shift+J	Ê	
11	Alt+b Shift+K	Ë	
12	Alt+b Shift+L	Ë	
13	Alt+b Shift+M	Ë	
14	Alt+b Shift+N	Ë	
15	Alt+b Shift+O	Ë	
16	Alt+b Shift+P	Ë	
17	Alt+b Shift+R	Ë	
18	Alt+b Shift+C	Ë	
19	Alt+b Shift+S	Ë	
20	Alt+b Shift+T	Ë	
21	Alt+b Shift+U	Ë	
22	Alt+b Shift+V	Ë	
23	Alt+b Shift+W	Ë	
24	Alt+b Shift+X	Ë	
25	Alt+b Shift+Y	Ë	
26	Alt+b Shift+Z	Ë	
27	Alt+c Shift+A	À	
28	Alt+c Shift+B	Â	
29	Alt+c Shift+C	Ã	
30	Alt+c Shift+D	Ä	
31	Alt+c Shift+E	Å	
32	Alt+c Shift+F	Æ	
33	Alt+c Shift+G	Ç	
34	Alt+c Shift+H	È	
35	Alt+c Shift+I	É	
36	Alt+c Shift+J	Ê	
37	Alt+c Shift+K	Ë	
38	Alt+c Shift+L	Ë	
39	Alt+c Shift+M	Ë	
40	Alt+c Shift+N	Ë	
41	Alt+c Shift+O	Ë	
42	Alt+c Shift+P	Ë	
43	Alt+c Shift+Q	Ë	
44	Alt+c Shift+R	Ë	
45	Alt+c Shift+S	Ë	

6 RETROACTIVE

6.1 COLORS

	Shortcut	Output	Explanations
1	Alt+d o 0	command-sequence...	
2	Alt+d o 1	command-sequence...	
3	Alt+d o 2	command-sequence...	
4	Alt+d o b	command-sequence...	
5	Alt+d o n	command-sequence...	
6	Alt+d o c	command-sequence...	
7	Alt+d o Ctrl+y	command-sequence...	
8	Alt+d o y	command-sequence...	
9	Alt+d o g	command-sequence...	
10	Alt+d o Alt+y	command-sequence...	
11	Alt+d o Alt+g	command-sequence...	
12	Alt+d o m	command-sequence...	
13	Alt+d o l	command-sequence...	
14	Alt+d o o	command-sequence...	
15	Alt+d o Alt+p	command-sequence...	
16	Alt+d o p	command-sequence...	
17	Alt+d o r	command-sequence...	
18	Alt+d o t	command-sequence...	
19	Alt+d o v	command-sequence...	
20	Alt+d o w	command-sequence...	
21	Alt+d o Shift+(command-sequence...	
22	Alt+d o Shift+!	command-sequence...	
23	Alt+d o Shift+@	command-sequence...	
24	Alt+d o Shift+B	command-sequence...	
25	Alt+d o Shift+N	command-sequence...	
26	Alt+d o Shift+C	command-sequence...	
27	Alt+d o Ctrl+Shift+Y	command-sequence...	
28	Alt+d o Shift+Y	command-sequence...	
29	Alt+d o Shift+G	command-sequence...	
30	Alt+d o Alt+Shift+Y	command-sequence...	
31	Alt+d o Alt+Shift+G	command-sequence...	
32	Alt+d o Shift+M	command-sequence...	
33	Alt+d o Shift+L	command-sequence...	
34	Alt+d o Shift+O	command-sequence...	
35	Alt+d o Alt+Shift+P	command-sequence...	
36	Alt+d o Shift+P	command-sequence...	
37	Alt+d o Shift+R	command-sequence...	
38	Alt+d o Shift+T	command-sequence...	
39	Alt+d o Shift+V	command-sequence...	
40	Alt+d o Shift+W	command-sequence...	

6.2 MATH ENVIRONMENTS

	Shortcut	Output	Explanations
1	Alt+d f	command-sequence...	
2	Alt+d Ctrl+Alt+f	command-sequence...	
3	Alt+d Alt+Shift+F	command-sequence...	
4	Alt+d s	command-sequence...	
5	Alt+d r	command-sequence...	
6	Alt+d 2	command-sequence...	
7	Alt+d 8	command-sequence...	
8	Alt+d Shift+T	command-sequence...	
9	Alt+d Shift+&	command-sequence...	
10	Alt+d Shift+(command-sequence...	
11	Alt+d [command-sequence...	
12	Alt+d Shift+{	command-sequence...	
13	Alt+d Shift+	command-sequence...	
14	Alt+d ,	command-sequence...	
15	Alt+d Shift+>	command-sequence...	
16	Alt+d /	command-sequence...	
17	Alt+d]	command-sequence...	
18	Alt+d Shift+}	command-sequence...	
19	Alt+d Alt+Shift+{	command-sequence...	
20	Alt+d Alt+Shift+(command-sequence...	
21	Alt+d Alt+Shift+<	command-sequence...	
22	Alt+d Alt+Shift+>	command-sequence...	
23	Alt+d Shift+V	command-sequence...	
24	Alt+d h	command-sequence...	
25	Alt+d ‘	command-sequence...	
26	Alt+d v	command-sequence...	
27	Alt+d \	command-sequence...	
28	Alt+d Shift+?	command-sequence...	
29	Alt+d .	command-sequence...	
30	Alt+d Alt+.	command-sequence...	
31	Alt+d Ctrl+u	command-sequence...	
32	Alt+d -	command-sequence...	
33	Alt+d Shift+H	command-sequence...	
34	Alt+d Shift+~	command-sequence...	
35	Alt+d Left	command-sequence...	
36	Alt+d Right	command-sequence...	
37	Alt+d Shift+B	command-sequence...	
38	Alt+d b	command-sequence...	
39	Alt+d Shift+Q	command-sequence...	
40	Alt+d q	command-sequence...	
41	Alt+d c	command-sequence...	
42	Alt+d Ctrl+s	command-sequence...	
43	Alt+d Alt+[command-sequence...	
44	Alt+d Alt+]	command-sequence...	
45	Alt+d u	command-sequence...	

6.3 RELATION CHANGER

	Shortcut	Output	Explanations
1	Alt+d i	command-sequence...	
2	Alt+d Ctrl+b	command-sequence...	
3	Alt+d Ctrl+Shift+B	command-sequence...	
4	Alt+d Alt+Shift+B	command-sequence...	
5	Alt+d =	command-sequence...	
6	Alt+d Shift+<	command-sequence...	
7	Alt+d Shift+>	command-sequence...	
8	Alt+d Right	command-sequence...	
9	Alt+d Alt+=	command-sequence...	