קיצורי ליך

21 באוקטובר 2020

תוכן העניינים

1 LYX

1.1 Basic

Action	Shortcut	Action	Shortcut	Action	Shortcut
New	Ctrl+N	Copy	Ctrl+C	Undo	Ctrl+Z
Open	Ctrl+O	Paste	Ctrl+V	Redo	Ctrl+Y
Close window	Ctrl+W	RecentCopy	WinKey+V	Find	Ctrl+F
Save	Ctrl+S	Cut	Ctrl+X	Previous	Ctrl+Tab
Save as	Ctrl+Shift+S	Compile	Ctrl+R	Save Bookmark 1	Shift+F1
Normal Space	Ctrl+Space	Choose all	Ctrl+A	Goto Bookmark 1	Ctrl+1
Thin Space	Ctrl+Shift+Space	Latex enviorment	Ctrl+L	Goto last bookmark	Ctrl+<
New math line	Shift+Enter				

1.2 Titles

Action	Shortcut	Action	Shortcut
PART 1	Alt+P 0	part*	Alt+P * 0
1 (section)	Alt+P 2	section*	Alt+P * 2
0.1 (subsection)	Alt+P 3	subsection*	Alt+P * 3
0.0.1 (subsubsection)	Alt+P 4	subsubsection*	Alt+P * 4
paragraph	Alt+P 5	paragraph*	Alt+P * 5
subparagraph	Alt+P 6	subparagraph*	Alt+P * 6
Abstract	Alt+P A	Address	Alt+P Alt+A
Author	Alt+P Shift+A	· *itemize*	Alt+P B
Date	Alt+P Shift+D	lyx-code	Alt+P C
1. enumerate	Alt+P E	labeling	Alt+P L
standart	Alt+P S	quote	Alt+P Q
Titles	Alt+P T	quotation	Alt+P Shift+Q

1.3 Edit

Action	Shortcut	Action	Shortcut
Bold	Ctrl+B	Append Row	Alt+]
Emphasize	Ctrl+E	Delete Row	Alt+[
Underline	Ctrl+U	Append Column	Alt+Ctrl+]
~~this~~	Ctrl+Shift+O	Delete Column	Alt+Ctrl+[
$\cancel{something}$	Alt+C A	Copy Row	Alt+M W C
$\boxed{something}$	Alt+E B	Duplicate equation	Ctrl+D
$\underbrace{methode}_{something}$	Ctrl+Q	$\overbrace{methode}^{something}$	Ctrl+Shift+Q
$\left\{ some1 \quad some2 \right.$	Alt+Shift+Q		
...	Ctrl+.	$\vdots$	Ctrl+Shift+V
$x^{something}$	Shift+^	$^{-1}$	Ctrl+;
$x_{something}$	Shift+_	^{2}	Ctrl+P
——page break——	Alt+R P	Add Label	Alt+R L

1.4 Delimiters

Action	Shortcut	Action	Shortcut
$(something)$	Ctrl+Shift+(	$\langle something \rangle$	Ctrl+<
$[something]$	Ctrl+[	$\lvert something \rvert$	Ctrl+Shift+|
$\{something\}$	Ctrl+Shift+[	$\lVert something \rVert$	Ctrl+Alt+|
$\lfloor somethimg \rfloor$	Ctrl+]	$\rangle something \langle$	Alt+M Sift+>

1.5 Mathematical Symbols

Symbol	Shortcut	Symbol	Shortcut	Symbol	Shortcut
$\pm$	Alt+M Shift+=	$\frac{a}{b}$	Alt+F	Math Mode	Ctrl+M
$\neq$	Alt+M =	$\sqrt{a}$	Alt+M S	Displayed Math	Ctrl+Shift+M
$\approx$	Ctrl+Shift+=	$\sqrt[some1]{some2}$	Alt+M R	$\sum_{some1}^{some2}$	Alt+M U
$\overset{something}{=}$	Ctrl+=	$\ddot{a}$	Alt+Z	$\sum_{n=0}^{\infty}$	Alt+M Shift+U
$\geq$	Ctrl+Alt+>	$\hat{a}$	Alt+M H	$\prod_{some1}^{some2}$	Alt+M Shift+P
$\leq$	Ctrl+Alt+<	$\grave{a}$	Alt+M \	$\int_{a}^{b}$	Alt+M I 1
$\ll$	Alt+M G L	$\acute{a}$	Alt+M /	$\int_{a}^{b}\int_{c}^{d}$	Alt+M I 2
$\gg$	Alt+M G G	$\tilde{a}$	Alt+M M	$\int_{a}^{b}\int_{c}^{d}\int_{e}^{f}$	Alt+M I 3
$\cong$	Alt+M Shift+~	$\bar{a}$	Alt+X	$dxdydz$	Alt+M I K
$\oplus$	Alt+M 0	$\underline{a}$	Alt+M Shift+_	$r^2 \sin(\theta)\, drd\theta d\phi$	Alt+M I S
$\otimes$	Alt+M 9	$\dot{a}$	Alt+.	$rdrd\theta dz$	Alt+M I C
$\bigoplus$	Alt+M Shift+0	$\breve{a}$	Alt+M Shift+V	$\iint$	Alt+M Shift+I
∞	Alt+M 8	$\breve{a}$	Alt+M Shift+U	$\iiint$	Alt+M Alt+I
$\Rightarrow$	Ctrl+Alt+Right	$\vec{a}$	undefined	$\oint$	Alt+M Ctrl+I
$\Leftarrow$	Ctrl+Alt+Left			$\oiint$	Alt+M Ctrl+Shift+I
$\rightarrow$	Alt+/			∂	Alt+M P
$\leftarrow$	undefined			$equation\ enumerate$ (1)	Alt+M N
$\uparrow$	undefined				
$\downarrow$	undefined				
$\prime$	Alt+M '				

1.6 Functions

Action	Shortcut	Action	Shortcut
erf	Alt+Q E	Span	Alt+Q Shift+P
Rank	Alt+Q R	Bin	Alt+Q Shift+N
det	Alt+Q Y	Var	Alt+Q Shift+V
sup	Alt+Q U	Cov	Alt+Q Shift+C
inf	Alt+Q I	sinc	Alt+Q Alt+S
ker	Alt+Q K	Poi	Alt+Q Alt+O
hom	Alt+Q H	Ber	Alt+Q Alt+R
dim	Alt+Q M	Im	Alt+Q Shift+<
		Geo	Alt+Q Alt+G
ln ()	Alt+Q N	Exp ()	Alt+Q Shift+E
max ()	Alt+Q Alt+X	min ()	Alt+Q Alt+N
$[center]_{down}^{up}$	Alt+Q]	$some3|_{some1}^{some2}$	Alt+Q Alt+]
$\|\|something\|\|$	Alt+Q |	$something!$	Alt+Q Shift+!
$\frac{d}{d}$	Alt+Q D	$\frac{\partial}{\partial}$	Alt+Q Alt+D
tan ()	Alt+Q T	$\lim_{something}$	Alt+Q L
cot ()	Alt+Q O	$\liminf_{n\to\infty}$	Alt+Q Shift+I
sin ()	Alt+Q S	$\limsup_{n\to\infty}$	Alt+Q Shift+U
cos ()	Alt+Q C	$\lim_{var\to 0}$	Alt+Q Alt+L
$\circ$	Alt+Q V	$\lim_{var\to\infty}$	Alt+Q Shift+L
$\langle\|$	Alt+Q <	$\nearrow$	Alt+Q Up
$\|\rangle$	Alt+Q >	$\searrow$	Alt+Q Down
$\xrightarrow[something]{something}$	Alt+Q ?	$\xrightarrow[n\to\infty]{something}$	Alt+Q Shift+?
$\equiv$	Alt+Q =	$\mathbb{P}$	Alt+Q Alt+P
∞	Alt+Q 8	$\mathbb{E}$	Alt+Q Alt+E
		$\Im$	Alt+Q Ctrl+S
		$\Re$	Alt+Q Ctrl+R
		$\mathcal{F}$	Alt+Q Shift+F

1.7 Infi

Symbol	Shortcut	Symbol	Shortcut	Symbol	Shortcut
$\mathbb{R}$	Alt+I R	$[something)$	Alt+I [	$\cap$	Alt+I J
$\mathbb{C}$	Alt+I C	$(somrthing]$	Alt+I Shift+(	$\cup$	Alt+I U
$\mathbb{Q}$	Alt+I Q	$\langle something\vert$	Alt+I <	$\dot{\cup}$	Alt+I D
$\mathbb{Z}$	Alt+I Z	$\vert something\rangle$	Alt+I >	$\subset$	Alt+I Shift+B
$\mathbb{F}$	Alt+I F	$\dot{\bigcup}_{some1}^{some2}$	Alt+I Shift+D	$\supset$	Alt+I Shift+P
$\emptyset$	Alt+I E	$\dot{\bigcup}_{n=1}^{\infty}$	Alt+I Ctrl+Shift+D	$\subseteq$	Alt+I B
$\aleph$	Alt+I T	$\bigcap_{n=1}^{\infty}$	Alt+I Ctrl+Shift+J	$\supseteq$	Alt+I P
$\in$	Alt+I I	$\bigcup_{n=1}^{\infty}$	Alt+I Ctrl+Shift+U	$\supsetneq$	Alt+I Alt+Shift+P
$\ni$	Alt+I Shift+I	$\bigcap_{some1}^{some2}$	Alt+I Shift+J	$\subsetneq$	Alt+I Alt+Shift+B
$\notin$	Alt+I Alt+I	$\bigcup_{some1}^{some2}$	Alt+I Shift+U		
$\exists$	Alt+I H	$some3/_{some1}^{some2}$	Alt+I S		
$\forall$	Alt+I K				
$\vee$	Alt+I O				
$\wedge$	Alt+I A				
$\perp$	Alt+I Alt+P				
$\circ$	Alt+I V				

1.8 Linear

Symbol	Shortcut	Symbol	Shortcut
$\begin{pmatrix} a \\ b \end{pmatrix}$	Alt+V 2	$\left[\begin{array}{ccc\|c} 1 & 2 & 3 & 0 \\ 1 & 2 & 3 & 0 \\ 1 & 2 & 3 & 0 \end{array}\right]$	Alt+M E
$\begin{pmatrix} a \\ b \\ c \end{pmatrix}$	Alt+V 3	$\left[\begin{array}{cccccc\|c} 1 & 2 & 3 & 4 & 5 & 6 & 0 \\ 1 & 2 & 3 & 4 & 5 & 6 & 0 \\ 1 & 2 & 3 & 4 & 5 & 6 & 0 \\ 1 & 2 & 3 & 4 & 5 & 6 & 0 \\ 1 & 2 & 3 & 4 & 5 & 6 & 0 \end{array}\right]$	Alt+M Shift+E
$\begin{pmatrix} a \\ b \\ c \\ d \end{pmatrix}$	Alt+V 4	$\begin{bmatrix} a & b \\ c & d \end{bmatrix} \overset{R \to cR}{\Rightarrow} \begin{bmatrix} a & b \\ c & d \end{bmatrix}$	Alt+E 1
$\begin{bmatrix} a \\ b \\ c \end{bmatrix}$	Alt+Shift+V	$\begin{bmatrix} a & b \\ c & d \end{bmatrix} \begin{cases} R \to RR \\ R \to RR \end{cases} \Rightarrow \begin{bmatrix} a & b \\ c & d \end{bmatrix}$	Alt+E 2
$\begin{pmatrix} a \\ b \\ c \end{pmatrix} \times \begin{pmatrix} d \\ e \\ f \end{pmatrix} = \begin{pmatrix} (b) \cdot (f) - (c) \cdot (e) \\ (c) \cdot (d) - (a) \cdot (f) \\ (a) \cdot (e) - (b) \cdot (d) \end{pmatrix}$	Alt+L V	$\begin{bmatrix} a & b \\ c & d \end{bmatrix} \overset{Swap\, R, R}{\Rightarrow} \begin{bmatrix} a & b \\ c & d \end{bmatrix}$	Alt+E 3
$\times$	Alt+L X	$a \quad b$ $c \quad d$	Alt+L M
Append Columns and rows	Same as table	$\begin{pmatrix} a & b \\ c & d \end{pmatrix}$	Alt+M A
		$\begin{vmatrix} a & b \\ c & d \end{vmatrix}$	Alt+M D

1.9 Linear operations

Symbol	Shortcut
$\overline{\nabla}(f) = \begin{pmatrix} \frac{\partial}{\partial x}(f) \\ \frac{\partial}{\partial y}(f) \\ \frac{\partial}{\partial z}(f) \end{pmatrix}$	Alt+L G K
$\overline{\nabla} \cdot \begin{pmatrix} a \\ b \\ c \end{pmatrix} = \begin{pmatrix} \frac{\partial}{\partial x} \\ \frac{\partial}{\partial y} \\ \frac{\partial}{\partial z} \end{pmatrix} \cdot \begin{pmatrix} a \\ b \\ c \end{pmatrix} = \frac{\partial}{\partial x}(a) + \frac{\partial}{\partial y}(b) + \frac{\partial}{\partial z}(c)$	Alt+L D K
$\overline{\nabla} \times \begin{pmatrix} a \\ b \\ c \end{pmatrix} = \begin{pmatrix} \frac{\partial}{\partial x} \\ \frac{\partial}{\partial y} \\ \frac{\partial}{\partial z} \end{pmatrix} \times \begin{pmatrix} a \\ b \\ c \end{pmatrix} = \begin{pmatrix} \frac{\partial}{\partial y}(c) - \frac{\partial}{\partial z}(b) \\ \frac{\partial}{\partial z}(a) - \frac{\partial}{\partial x}(c) \\ \frac{\partial}{\partial x}(b) - \frac{\partial}{\partial y}(a) \end{pmatrix}$	Alt+L R K
$\overline{\nabla}^2(f) = \frac{\partial^2(f)}{\partial x^2} + \frac{\partial^2(f)}{\partial y^2} + \frac{\partial^2(f)}{\partial z^2}$	Alt+L L K
$\overline{\nabla}(f) = \begin{pmatrix} \frac{\partial}{\partial r}(f) \\ \frac{1}{r}\frac{\partial}{\partial \theta}(f) \\ \frac{1}{r\sin(\theta)}\frac{\partial}{\partial \phi}(f) \end{pmatrix}$	Alt+L G S
$\overline{\nabla} \cdot \begin{pmatrix} a \\ b \\ c \end{pmatrix} = \frac{1}{r^2}\frac{\partial}{\partial r}(r^2 \cdot a) + \frac{1}{r\sin(\theta)}\frac{\partial}{\partial \theta}(\sin(\theta) \cdot b) + \frac{1}{r\sin(\theta)}\frac{\partial}{\partial \phi}(c)$	Alt+L D S
$\overline{\nabla} \times \begin{pmatrix} a \\ b \\ c \end{pmatrix} = \begin{pmatrix} \frac{1}{r\sin(\theta)}\left(\frac{\partial}{\partial \theta}(\sin(\theta) \cdot c) - \frac{\partial}{\partial \phi}(b)\right) \\ \frac{1}{r}\left(\frac{1}{\sin(\theta)}\frac{\partial}{\partial \phi}(a) - \frac{\partial}{\partial r}(r \cdot c)\right) \\ \frac{1}{r}\left(\frac{\partial}{\partial r}(r \cdot b) - \frac{\partial}{\partial \theta}(a)\right) \end{pmatrix}$	Alt+L R S
$\overline{\nabla}^2(f) = \frac{1}{r^2}\frac{\partial}{\partial r}\left(r^2\frac{\partial}{\partial r}(f)\right) + \frac{1}{r^2\sin(\theta)}\frac{\partial}{\partial \theta}\left(\sin(\theta)\frac{\partial}{\partial \theta}(f)\right) + \frac{1}{r^2\sin^2(\theta)}\frac{\partial^2(f)}{\partial \phi^2}$	Alt+L L S
$\overline{\nabla}(f) = \begin{pmatrix} \frac{\partial}{\partial r}(f) \\ \frac{1}{r}\frac{\partial}{\partial \theta}(f) \\ \frac{\partial}{\partial z}(f) \end{pmatrix}$	Alt+L G C
$\overline{\nabla} \cdot \begin{pmatrix} a \\ b \\ c \end{pmatrix} = \frac{1}{r}\frac{\partial}{\partial r}(r \cdot a) + \frac{1}{r}\frac{\partial}{\partial \theta}(b) + \frac{\partial}{\partial z}(c)$	Alt+L D C
$\overline{\nabla} \times \begin{pmatrix} a \\ b \\ c \end{pmatrix} = \begin{pmatrix} \frac{1}{r}\left(\frac{\partial}{\partial \theta}(c) - \frac{\partial}{\partial z}(b)\right) \\ \frac{\partial}{\partial z} \cdot (a) - \frac{\partial}{\partial r}(c) \\ \frac{1}{r}\left(\frac{\partial}{\partial r}(r \cdot b) - \frac{\partial}{\partial \theta}(a)\right) \end{pmatrix}$	Alt+L R C
$\overline{\nabla}^2(f) = \frac{1}{r}\frac{\partial}{\partial r}\left(r\frac{\partial}{\partial r}(f)\right) + \frac{1}{r^2}\frac{\partial^2(f)}{\partial \theta^2} + \frac{\partial^2(f)}{\partial z^2}$	Alt+L L C

1.10 Greek Symbols

Symbol	Shortcut	Symbol	Shortcut	Symbol	Shortcut
α	Alt+W A	ν	Alt+W N	Δ	Alt+W Shift+D
β	Alt+W B	ω	Alt+W O	ϵ	Alt+W Shift+E
χ	Alt+W C	π	Alt+W P	Φ	Alt+W Shift+F
δ	Alt+W D	ϑ	Alt+G Shift+Q	Γ	Alt+W Shift+G
ε	Alt+W E	ρ	Alt+W R	Λ	Alt+W Shift+L
ϕ	Alt+W F	σ	Alt+W S	Π	Alt+W Shift+P
γ	Alt+W G	τ	Alt+W T	Σ	Alt+W Shift+S
η	Alt+W H	υ	Alt+W U	ς	Alt+E Shift+T
ι	Alt+W I	θ	Alt+W V	Υ	Alt+W Shift+U
φ	Alt+W J	ω	Alt+W O	Θ	Alt+W Shift+V
κ	Alt+W K	ξ	Alt+W X	Ω	Alt+W Shift+W
λ	Alt+W L	ψ	Alt+W Y	Ξ	Alt+W Shift+X
μ	Alt+W M	ζ	Alt+W Z	Ψ	Alt+W Shift+Y
				$\overline{\nabla}$	Alt+W Shift+N
				$\mathcal{A}$	Alt+W Shift+A
				$\mathcal{B}$	Alt+W Shift+B
				$\mathcal{C}$	Alt+W Shift+C
				$\mathscr{B}$	Alt+W Alt+B
				$\mathscr{F}$	Alt+W Alt+F

1.11 Add After

Symbol	Shortcut	Symbol	Shortcut
$\dot{a}$	Alt+D .	before$\ni$after	Alt+D I
$\hat{a}$	Alt+D H	before$\supseteq$after	Alt+D B
$\overline{a}$	Alt+D X	before$\supsetneq$after	Alt+D Alt+Shift+B
$\ddot{a}$	Alt+D Z	$[before]$	Alt+D [
$\tilde{a}$	Alt+D M	$\langle before \rangle$	Alt+D <
$\vec{a}$	Alt+D V	$(before)$	Alt+D Shift+(
$\frac{before}{after}$	Alt+D F	$\{before\}$	Alt+D Shift+{
$\sqrt{a}$	Alt+D S	$\lvert before \rvert$	Alt+D Shift+|
$(a)_{n=1}^{\infty}$	Alt+D A	$before\rvert_a^b$	Alt+D Alt+]
$\underbrace{before}_{\substack{after \\ after}}$	Alt+D Q		
$\overbrace{before}$	Alt+D Shift+Q		

1.12 Colors

Symbol	Shortcut	Symbol	Shortcut
Remove Fonts	Alt+O K		
Red	Alt+O R	**BoldRed**	Alt+O Shift+R
Blue	Alt+O B	**BoldBlue**	Alt+O Shift+B
Green	Alt+O G	**BoldGreen**	Alt+O Shift+G
LightGray	Alt+O Y	**Bold**LightGray	Alt+O Shift+Y
Purple	Alt+O P	**BoldPurple**	Alt+O Shift+P
Olive	Alt+O L	**BoldOlive**	Alt+O Shift+O
Violet	Alt+O V	**BoldViolet**	Alt+O Shift+V
Brown	Alt+O N	**BoldBrown**	Alt+O Shift+N

1.13 Macros

Symbol	Shortcut
$a_1 \pm a_2 \pm a_3 \pm \ldots \pm a_b$	Alt+~ S
$a_1 \cdot \bar{v}_1 \pm a_2 \cdot \bar{v}_2 \pm \ldots a_n \cdot \bar{v}_n$	Alt+~ D S

1.14 Lyx navigate

Act	Navigate
header	\pagestyle{fancy} \usepackage{fancyhdr}
	{center\chead{ {right\rhead{ \fancyhf{ }
	{[\thepage\cfoot{[{left\lhead{
Change part to ”some“	\AtBeginDocument{
	\addto\captionshebrew{\renewcommand\partname{ } }
	\arabic{part} } some\def\thepart{ {
Header options	| \thesection | \thechapter | \thepage
	\rightmark | \leftmark | \chaptername