LaTeX Snippe	ts. See Goosens, M., Mittelbach, F. The LaTeX Companion	. 2 ed. for a detai	led explanation	of each comma	nd
	structure.lua				
Name	Document preamble	Cninnat	Autominat	Viousl	Dooleago
Name	Command \documentclass{document-class}	Snippet	Autosnippet	Visual	Package
Document class	\documentclass[class-options]{document-class}	doc	no	no	
	\usepackage{package-name}				
Use package	\usepackage[package-options]{package-name}	pk	no	no	
Title		tl	no	no	
Author		aut	no	no	
Date		dat	no	no	
	\begin{document}				
Section		bd	no	no	
	\end{document}				
	Sectioning		T	I	I
Name	Command	Snippet	Autosnippet	Visual	Package
C+:	\section{title}				
Section	\section*{title}	scn	no	yes	
	\section[toc-entry]{title} \subsection{title}				
Subsection	\subsection{title} \subsection*{title}	chn	no	Vec	
2002C0 01011	\subsection*{fiftle} \subsection[toc-entry]{title}	sbn	no	yes	
	\subsection[tic-entry]{title} \subsubsection{title}				
Subsubsection	\subsubsection(title)	ssn	no	yes	
oubsubsection	\subsubsection[toc-entry]{title}		110	700	
	\chapter{title}				
Chapter	\chapter*{title}	chr	no	yes	
	\chapter[toc-entry]{title}			,	
	\part{title}				
Part	\part*{title}	prt	no	yes	
	\part[toc-entry]{title}				
	\paragraph{title}				
Paragraph	\paragraph*{title}	par	no	yes	
	\paragraph[toc-entry]{title}				
	\subparagraph{title}				
Subparagraph	\subparagraph*{title}	sbp	no	yes	
	\subparagraph[toc-entry]{title}				
Maketitle	\maketitle	mkt	no	no	
Table of contents	\tableofcontents	toc	no	no	
List of tables	\listoftables	lot	no	no	
List of figures	\listoffigures	lof	no	no	
Makeindex	\makeindex	mki	no	no	makeidx
Print index	\printindex	pix	no	no	makeidx
PDF bookmark	\texorpdfstring{tex}{bookmark} Cross-references	pdf	no	yes	hyperref
	Labels				
Name	Command	Snippet	Autosnippet	Visual	Package
Generic label	\label{key}	lge	no	no	
Label section	\label{sec:key}	lsn	no	no	
Label subsection	\label{sub:key}	lsb	no	no	
Label subsubsection	\label{ssub:key}	lss	no	no	
Label chapter	\label{ch:key}	lch	no	no	
Label paragraph	\label{par:key}	lpa	no	no	
Label subparagraph	\label{subpar:key}	lsp	no	no	
Label equation	\label{eq:key}	lbe	no	no	
Label theorem	\label{thm:key}	lbt	no	no	
Label proposition	\label{prop:key}	lps	no	no	
Label lemma	\label{lem:key}	lle	no	no	
Label corollary	\label{cor:key}	lco	no	no	
Label definition	\label{def:key}	lde	no	no	
Label remark	\label{rem:key}	lre	no	no	
Label exercise	\label{ex:key}	lex	no	no	
Label example	\label{eg:key}	leg	no	no	
Label principle	\label{princ:key}	lpn	no	no	

Label item	\label{it:key}	lbi	no	no	
Label figure	\label{fig:key}	lfg	no	no	
Label table	\label{tbl:key}	lta	no	no	
Editor datas	Reference commands		0		
Name	Command	Snippet	Autosnippet	Visual	Package
Generic reference	\ref{key}	rge	no	no	
Reference section	\ref{sec:key}	rsn	no	no	
Reference subsection	\ref{sub:key}	rsb	no	no	
Reference subsubsection	\ref{ssub:key}	rss	no	no	
Reference chapter	\ref{ch:key}	rch	no	no	
Reference paragraph	\ref{par:key}	rpa	no	no	
Reference subparagraph	\ref{subpar:key}	rsp	no	no	
Reference equation	\eqref{eq:key}	rfe	no	no	
Reference theorem	\ref{thm:key}	rft	no	no	
Reference proposition	\ref{prop:key}	rps	no	no	
Reference lemma	\ref{lem:key}	rle	no	no	
Reference corollary	\ref{cor:key}	rco	no	no	
Reference definition	\ref{def:key}	rde	no	no	
Reference remark	\ref{rem:key}	rre	no	no	
Reference exercise	\ref{ex:key}	rex	no	no	
Reference example	\ref{eg:key}	reg	no	no	
Reference principle	\ref{princ:key}	rpn	no	no	
Reference item	\ref{it:key}	rfi	no	no	
Reference figure	\ref{fig:key}	rfg	no	no	
Reference table	\ref{tbl:key}	rta	no	no	
	Page reference commands				
Name	Command	Snippet	Autosnippet	Visual	Package
Generic page reference	\pageref{key}	pge	no	no	
Page of section	\pageref{sec:key}	psn	no	no	
Page of subsection	\pageref{sub:key}	psb	no	no	
Page of subsubsection	\pageref{ssub:key}	pss	no	no	
Page of chapter	\pageref{ch:key}	pch	no	no	
Page of paragraph	\pageref{par:key}		no	no	
	\pageref{subpar:key}	ppa		-	
Page subparagraph		psp	no	no	
Page of equation	\pageref{eq:key}	peq	no	no	
Page of theorem Page of proposition	\pageref{thm:key} \pageref{prop:key}	pgt	no	no	
<u> </u>		pps		no	
Page of lemma	\pageref{lem:key}	ple	no	no	
Page of corollary	\pageref{cor:key}	pco .	no	no	
Page of definition	\pageref{def:key}	pde	no	no	
Page of remark	\pageref{rem:key}	pre	no	no	
Page of exercise	\pageref{ex:key}	pex	no	no	
Page of example	\pageref{eg:key}	peg	no	no	
Page of principle	\pageref{princ:key}	ppn	no	no	
Page of item	\pageref{it:key}	pgi	no	no	
Page of figure	\pageref{fig:key}	pfg	no	no	
Page of table	\pageref{tbl:key}	pta	no	no	
	formatting.lua				
	Formatting				
и	Text and pages	01	AL.	W	D I
Name	Command	Snippet	Autosnippet	Visual	Package
URLs	\url{url}	url	no	yes	url
Cancel stroke	\cancel{text}	ca	no	yes	cancel
Short verbatim	\verb=text=	vrb	no	yes	
Enlarged letter	\lettrine{initial}{text}	ltr	no	yes	lettrine
-	\lettrine[val-list]{initial}{text}				
Footnote	\footnote{text}	foo	no	yes	
Marginal note	\marginpar{text}	mrg	no	yes	
New page	\newpage	npg	no	no	
	Columns	Г	1	T .	1 -
Name	Command	Snippet	Autosnippet	Visual	Package
	\begin{multicols}{columns}				
	\end{multicols}				
	\begin{multicols}{columns}[preface]				
Multiple columns		mul	no	no	multicol
	\end{multicols}				

	\end{multicols} List structures				
	Ordered lists				
Name	Command	Snippet	Autosnippet	Visual	Package
	<pre>,ref=\the<>.\textnormal{\arabic*}</pre>		•		
I	<pre>,ref=\the<>.\textnormal{\Roman*}</pre>				
Item reference format	<pre>,ref=\the<>.\textnormal{\roman*}</pre>	rff	no	no	
l	,ref=\the<>.\textnormal{\Alph*}				
	,ref=\the<>.\textnormal{\alph*}				
	\begin{itemize}				
	\item	tz	no	no	
	\end{itemize}				ļ
	\begin{enumerate}[label=\textnormal{(\arabic*)}]				
	\item	enn	no	no	
	\end{enumerate}				
	\begin{enumerate}[label=\textnormal{(\Roman*)}]	_			
·	\item	enI	no	no	
	\end{enumerate}				
Lowercase roman enumerated list	\begin{enumerate}[label=\textnormal{(\roman*)}] \item	eni	no	no	
	\intem \end{enumerate}	ent	no	no	
	\end{enumerate} \begin{enumerate}[label=\textnormal{(\Alph*)}]				_
	\begin{enumerate;[tabet=\texthormat{(\Atpn*)}] \item	enA	no	no	
·	\tem \end{enumerate}	GIIA	110	110	
	\begin{enumerate}[label=\textnormal{(\alph*)}]				
owercase latin enumerated list		ena	no	no	
	\end{enumerate}			•	
	\item	tm	no	no	
	Theorem-like environments	ı			•
Name	Command	Snippet	Autosnippet	Visual	Package
	\begin{theorem}				
New theorem	\end{theorem}	00	no	yes	amsthm
3	\begin{theorem}[name]		""	yes	
	\end{theorem}				
	\begin{proof}				
	 \((m_a, c)			no	
roof environment	\end{proof}	pf	no		amsthm
	\begin{proof}[name]				
	 \end{proof}				
	\egin{proof} \begin{proposition}				
	···				
	··· \end{proposition}				
New nronosition	\begin{proposition}[name]	ps	no	yes	amsthm
	\end{proposition}				
	\begin{corollary}				
	\end{corollary}				
lew corollary	\begin{corollary}[name]	cc	no	yes	amsthm
	\end{corollary}				
	\begin{lemma}				
low lomma	\end{lemma}	ıı	no	VAC	amsthm
ICM TEIIIIIG	\begin{lemma}[name]		110	yes	amstilli
	\end{lemma}				
	\begin{definition}				
\begin{definition}					
New definition	\end{definition}	dd	no	ves	amsthm
New definition	\end{definition} \begin{definition}[name]	dd	no	yes	amsthm

	\end{definition}				
	\begin{remark}				
	\end{remark}				
New remark	\begin{remark}[name]	re	no	yes	amsthm
	\end{remark}				
	\begin{exercise}				
	\end{exercise}				
New exercise	\begin{exercise}[name]	ex	no	yes	amsthm
	\end{exercise}				
	\begin{example}				
New evenula	\end{example}				
New example	\begin{example}[name]	ee	no	yes	amsthm
	\end{example}				
	\begin{principle}				
N	\end{principle}				
New principle	\begin{principle}[name]	pn no		yes	amsthm
	\end{principle}				
	floats.lua	•			
	Tabular material				
Name	Command	Snippet	Autosnippet	Visual	Package
	\begin{table}[opt]				
	\begin{tabular}{cols}				
Table environment		tab	no	no	
	\end{tabular}				
	\end{table}				
	\begin{array}{cols}				
Array environment		rr	no	no	array
	\end{array}				
Hyphenate text correctly	\hspace{0pt}	hyp	no	no	
Redefine \\	\arraybackslash	bck	no	no	
	\raggedleft	lt	no	no	
Text alignment	\centering	cr	no	no	
	\raggedright	rt	no	no	
Tabada a sanaharah	//				
Tabular row break		br	no	no	
	Tabular environment preamble optio	ons			1
Name	Command	Snippet	Autosnippet	Visual	Package
Top column	p{width}	рс	no	no	
num copies of opts	*{num}{opts}	сор	no	no	
Vertically centered column	m{width}	mc	no	no	array
Bottom column	b{width}	bc	no	no	array
Before column options	>{decl}	bl	no	no	array
After column option	<{decl}	af	no	no	array
	Floats				
Name	Floats Command	Snippet	Autosnippet	Visual	Package
Name Caption	Command	Snippet - cpt	Autosnippet no	Visual no	Package
	Command Comm				
	Command \caption{text} \caption[list-entry]{text}				
Caption	Command \caption{text} \caption[list-entry]{text} \captionof{type}{text}	cpt	no	no	
Caption	Command \caption{text} \caption[list-entry]{text} \captionof{type}{text} \captionof{type}[list-entry]{text}	cpt	no	no	
Caption	Command \caption{text} \caption[list-entry]{text} \captionof{type}{text} \captionof{type}[list-entry]{text} \captionof*{type}{text}	cpt	no	no	
Caption Caption of	Command \caption{text} \caption[list-entry]{text} \captionof{type}{text} \captionof{type}[list-entry]{text} \captionof*{type}{text} \subfloat{object}	cpt	no	no	caption
Caption Caption of	Command \caption{text} \caption[list-entry]{text} \captionof{type}{text} \captionof*type}[list-entry]{text} \captionof**type}{text} \subfloat{object} \subfloat[caption]{object}	cpt	no	no	caption
Caption Caption of	Command \caption{text} \caption[list-entry]{text} \captionof{type}{text} \captionof{type}{list-entry}{text} \captionof*{type}{text} \subfloat{object} \subfloat[caption]{object} \subfloat[list-entry][caption]{text}	cpt	no	no	caption
Caption Caption of Subfloat	Command \caption{text} \caption[list-entry]{text} \captionof{type}{text} \captionof*type}[list-entry]{text} \captionof*{type}{text} \subfloat{object} \subfloat[caption]{object} \subfloat[list-entry][caption]{text} \begin{subtables}	cof sbf	no no	no no	caption subfig
Caption Caption of Subfloat	Command \caption{text} \caption[list-entry]{text} \captionof{type}{text} \captionof*type}[list-entry]{text} \captionof*type}{text} \subfloat{object} \subfloat[caption]{object} \subfloat[list-entry][caption]{text} \begin{subtables}	cof sbf	no no	no no	caption subfig
Caption Caption of Subfloat	Command \caption{text} \caption[list-entry]{text} \captionof{type}{text} \captionof*type}[list-entry]{text} \captionof*{type}{text} \subfloat{object} \subfloat[caption]{object} \subfloat[list-entry][caption]{text} \begin{subtables} \end{subtables}	cof sbf	no no	no no	caption subfig

	Fonts				
	Standard size-changing commands	i			
Name	Command	Snippet	Autosnippet	Visual	Package
Tiny font size	\tiny	tny	no	no	
Scriptize font size	\scriptsize	scr	no	no	
Footnote font size	\footnotesize	fot	no	no	
Small font size	\small	sml	no	no	
Normalsize font size	\normalsize	nor	no	no	
	\large		no	no	
Large font size	\Large	lar	no	no	† <u></u>
24. go 10 0120	\LARGE	-	no	no	†
	\huge		no	no	
Huge font size	\Huge	hug			
		1	no	no	
	Standard font-changing commands and dec		T	V. 1	T 5 1
Name	Command	Snippet	Autosnippet	Visual	Package
	\textrm{text}			yes	1
Roman family	\begin{rmfamily}\end{rmfamily}	rm	no	yes	
	\rmfamily			no	
	\textsf{text}			yes	
Sans serif family	\begin{sffamily}\end{sffamily}	sf	no	yes	
•	\sffamily			no	1
	\textt{text}			yes	
Typewriter family	\begin{ttfamily}\end{ttfamily}	tt	no	•	1
Typewriter ramity			110	yes	
	\ttfamily			no	
	\textbf{text}			yes	1
Bold series	\begin{bfseries}\end{bfseries}	bf	no	yes	
	\bfseries			no	
	\textit{text}			yes	
Italic shape	\begin{itshape}\end{itshape}	it	no	yes	1
•	\itshape			no	1
	\textsc{text}			yes	
Small caps shape	\begin{scshape}\end{scshape}	sc	no	yes	
Small caps shape		- 30	110		1
	\scshape			no	
	\emph{text}			yes	1
Emphasized text	\begin{em}\end{em}	em	no	yes	
	\em			no	
	\textnormal{text}			yes	
Main font	\begin{normalfont}\end{normalfont}	tn	no	yes	1
	\normalfont			no	1
	math.lua	I.			
	Math				
	Math alphabet identifiers				
Name		Spinnot	Autospinnot	Vicuol	Paakaga
	Command	Snippet	Autosnippet	Visual	Package
Calligraphic math font		mc	yes	yes	
Roman math font		mr	yes	yes	
Bold math font		mb	yes	yes	
Sans serif math font		ms	yes	yes	
Typerwriter math font		mt	yes	yes	
Normal math font		mn	yes	yes	
Italic math font		mi	yes	yes	
Euler Fraktur math font		mf	yes	yes	amsfonts
Blackboard bold math font				-	
Blackboard bold mach font		ma	yes	yes	amsfonts
	Display environments and alignment str		T		T
Name	Command	Snippet	Autosnippet	Visual	Package
Inline display	\$\$	mm	yes	yes	
	\begin{env}				
Generic environment		en	no	yes	
	\end{env}				
	\begin{equation}				
	\end{equation}				
New equation		nn	no	yes	
	\begin{equation*}				
					amsmath
	\end{equation*}				
	\begin{multline}				

New multline	\end{multline}		ml ml	no	yes	amsmath
	\begin{multline*}	I		1	1	
		I		1		
	\end{multline*}			+		
Multline gap	\setlenght\multlinegap{0pt}		gap	no	no	amsmath
	\begin{split}	I		1		1 [
New split	···	I	sp	no	yes	amsmath
	\end{split}			+		1
	\begin{gather}	I		1		
	\ond { anthon}	I		1		
New gather	\end{gather}		gg	no	yes	amsmath
	\begin{gather*}	I		1		
	\end{gather*}	I		1		
	\begin{align*}		+			+
	\begin{actgn*}	I		1		
	\end{align*}	I		1		
New align	\begin{align}		aa	no	yes	amsmath
		I		1		
	\end{align}	I	1	1		
	\begin{flalign}		 			+
	···	I		1		
	\end{flalign}	I	1	1		
New flalign	\begin{flalign*}		fal	no	yes	amsmath
	···	I		1		
	\end{flalign*}	I	1	1		
	\begin{cases}					+
New cases environment		I	[case-num]cs	yes	no	amsmath
	\end{cases}	I	1	i .		
21 2 21 1	\\		h		-	
Display line break			br	yes	no	
Short text between lines	\intertext{text}		itr	yes	yes	amsmath
Text inside display	text		tx	yes	yes	amsmath
Display page break	\displaybreak		dib	yes	no	amsmath
Displaystyle	\displaystyle		dis	yes	no	
Textstyle	\textstyle		ty	yes	no	
		Equation numbering and tags				
Name	Comm	mand	Snippet	Autosnippet	Visual	Package
Suppress equation tag	\notag		ntg	yes	no	amsmath
Equation tag	$ ag{tag}$		tag	yes	yes	amsmath
	\tag*{tag}		Lay	yes	усз	allialliacii
Last equation number	\theequation		teq	yes	no	
		Matrix-like environments		-		
Name	Command	Snippet		Autosnippet	Visual	Package
	\begin $\{ p b B v V $ matrix $\}$	[I	1		
New matrix		{ p b B v V }{rows}x{	{cols}	yes	no	amsmath
	$\left\{ \left p\right b\left B\right v\left V\right \right\} $					
	\begin $\{ p b B v V $ matrix $\}$	Ī	I	1		
New homogeneus matrix		{ p b B v V }{rows},{	(cols}	yes	no	amsmath
	\end{ p b B v V matrix}	1				
	\begin $\{ p b B v V $ matrix $\}$	1	I	1		
New generic matrix		{ p b B v V }gn		yes	no	amsmath
	$\left\{ \left p\right b\left B\right v\left V\right \right\} $	1				
		Subscripts and superscripts	-T	•		
Name	Comm	nand	Snippet	Autosnippet	Visual	Package
Short subscript	_		;	yes	no	
Subscript	_{{}}		:	yes	yes	
Short superscript	^		,	yes	no	
Superscript	^{}			yes	yes	
Subscript and superscript	_{}^{}		'	yes	no	
Stacking	\substack{ \\}		st	yes	yes	amsmath
		Compound structures		· · · · · · · · · · · · · · · · · · ·		
`	Comm	ııand	Snippet	Autosnippet	Visual	Package
Name			1	ı I.		1 . 1
Name	\xleftarrow{top}		ltx	ves	no	amsmath
	\xleftarrow[bottom]{top}		ltx	yes	no	amsmath
			- ltx - rtx	yes yes	no	amsmath

	\cfrac{num}{				
	den				
Continued fraction	}	cf	yes	no	amsmath
Continued II action	\cfrac[num-alignment]{num}{	CI	yes	110	diiiSiiid Lii
	den				
	}				
Boxed formula		bx	yes	yes	amsmath
	{}			·	
Fraction	{}	ff	yes	no	amsmath
	{}		,		amsmath
	{}				amsmath
Binomial coefficient	{}	bm	yes	no	amsmath
DINUMITAL COETTICIENC	{}		yes	110	
					amsmath
N	Decorations	0	A. I	W 1	D. J
Name	Command	Snippet	Autosnippet	Visual	Package
Place material above	\overset{above}{material}	abv	yes	yes	amsmath
Place material below	\underset{below}{material}	bel	yes	yes	amsmath
	Limiting positions				
Name	Command	Snippet	Autosnippet	Visual	Package
Above/below operator	\limits	lim	yes	no	
Right of the operator	\nolimits	nli	yes	no	
	Relations				
Name	Command	Snippet	Autosnippet	Visual	Package
Congruence relation	\equiv	eq	yes	no	
<u> </u>	\equiv		,,,,,,		
	\not\equiv				
Modular relation	\mot\equiv	mod	yes	no	
					amsmath
	\not\equiv				amsmath
Left triangle	\vartriangleleft	sbg	yes	no	amssymb
<u> </u>	\ntriangleleft				
Right triangle	\vartriangleright	sgc	yes	no	amssymb
Transfer of range	\ntriangleright	0,50	,,,,	110	u
Not equal	\ne	ne	yes	no	
Relation negation	\not	nr	yes	no	
Approx	\approx	арр	yes	no	
	\cong				
Congruent	\ncong	cn	yes	no	amssymb
Less or equal	\le	le	yes	no	
Greater or equal	\ge	ge	yes	no	
areaser or equal	\prec	gc	700	110	
Precedes		pc	yes	no	amssymb
	\nprec				· · · · · ·
Succedes	\succ	sx	yes	no	
	\nsucc				amssymb
Relation	\sim	re	yes	no	
	\nsim		,		amssymb
	Operators				,
Name	Command	Snippet	Autosnippet	Visual	Package
Define new operator	\DeclareMathOperator{cmd}{text}	onn	no	no	omemoth.
nerine new oberacor	\DeclareMathOperator*{cmd}{text}	opr	no	no	amsmath
	\lceil \rceil				
Ceiling	\left\lceil \right\rceil	ce	no	yes	
	\lfloor \rfloor				
Floor	\left\lfloor \right\rfloor	— fl	yes	yes	
C	\sqrt[n-th]{}				
Square root		sq	yes	yes	
	\sqrt[\leftroot{x}\uproot{y} n-th]{}	_			amsmath
Imaginary part	\Im	imp	yes	no	
Real part	\Re	гра	yes	no	
Mod operator	\bmod	opm	yes	no	
Minus plus	\mp	mp	yes	no	
Plus minus	\pm	pm	yes	no	
Times	\times	tm	yes	no	
Centered dot	\cdot	cd	yes	no	
	\circ	cir	yes	no	
Circle	part of the control o		,		_
Circle Onlus	\onlus	nn1	VAS	nn	
Oplus	\oplus	opl omt	yes	no	
	\oplus \otimes \mid	opl omt dv	yes yes yes	no no no	

Next								
New New					×m	ves	no	
Minimary Main_() More	}				7	,,,,		
Nation N					mu	Vec	no	
Infilm	}				IIIO	yes	110	
Non-								
Supremum	}				l IIT	yes	no	
Argument								
	}				sr	yes	no	
Degree Vee V		_			arg	ves	no	
Determinant							no	
Discretion Vain V						1		
Seeback common divisor						†	no	
Manuary Manu					dim	yes	no	
					gc	yes	no	
Lap Yes Divergence					hm	yes	no	
Divergence					kr	yes	no	
Divergence	^2				lap	yes	no	
	\cdot\v							esvect
Cur					div	yes	no	
Curl		—						
					cur	yes	no	esvect
Name	\times\							
Limit			•	rs with limits	T	T		
Limit			Command		Snippet	Autosnippet	Visual	Package
	\to				3			
					Lm	yes	no	
	f {							
					lif	yes	no	
		_						
Varliminf		—			- lsu	yes	no	
varliminf \varliminp_{\text{\colored}\text{\colored}\text{\colored}} \text{\colored}\text{\colored} \text{\colored}\co		_						
Varlimsup		}	•		lvf	ves	no	amsmath
Varlimsup						,		
Name	msup_{.	}			7.44	V00		omomoth
Name	nsup					yes	no	amsmath
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Function definition fun : dom & \longrightarrow cod \\ point & \longrapsto img \\ \lon		TOW	Cou		111	yes	110	-
Punction definition	-							
point & \longmapsto img lend{align*}					fd	no	no	amsmath
sin \sin yes cos \cos yes tan \tan tn yes cot \cot ot yes cot \cot ot yes sec \sec sc yes csc \cot yes arcsin \arcsin asin yes arccos \arccos yes arctan \arccot acos yes arcsec \arccoc asec yes arccot \arccoc asec yes arccot \arccoc yes sinh \sinh yes cosh \cosh cosh yes tanh \tanh \tanh yes tanh \tanh \tanh yes coth \coth coth yes coth \coth yes arcsinh \arccsinh ahin yes arcsinh \	int & \	ito	img					
cos \(\) \(\	Lign*}							
tan \tan \tan \yes cot \cot ot \yes sec \sec sc \yes csc \cot yes arcsin \arcsin asin yes arccos \arccos yes arctan \arctan atan yes arcsec \arcsec asec yes arcsec \arcsec asec yes sinh \sinh yes sinh \sinh yes cosh \cosh cosh yes tanh \tanh tanh yes tanh \tanh tanh yes sech \sech coth yes sech \sech sh yes sech \sech sh yes arcsinh ancs yes arctanh \arcsenh ahcos yes arctanh \arcsenh ahcot yes					sni	yes	no	
tan \tan tn yes cot \cot ot yes sec \sec sc yes csc \cot yes arcsin \arcsin asin yes arcsin \arccos yes arctan \arctan atan yes arcsec \arcsec asec yes arcsec \arcsec asec yes sinh \sinh sinh yes cosh \cosh cosh yes tanh \tanh tanh yes tanh \tanh tanh yes sech \cosh coth yes sech \sech sh yes sech \sech sh yes arcsinh \arcsinh ahsin yes arctanh \arctanh ahtan yes arctanh \arctanh ahtan yes arcsech <td></td> <td></td> <td></td> <td></td> <td>СО</td> <td>yes</td> <td>no</td> <td></td>					СО	yes	no	
cot \cot yes sec \sec sc yes csc \csc cc yes arcsin \arcsin asin yes arccos \arcsin acos yes arccos \arcsin acos yes arctan \arcsin acot yes arcsot \arcsec acot yes arcsec \arcsec yes yes sinh \sinh yes yes sinh \sinh yes yes sinh \sinh yes yes tanh \tanh yes yes tanh \tanh yes yes tanh \tanh yes yes coth \coth coth yes sech \sech sh yes csch \coth tanh yes arcsinh \arcsinh ahsin yes					tn		no	
sec \sec yes csc \csc yes arcsin \arcsin \asin yes arccos \accos yes arccos \accos yes arctan \arctan \accot yes arcsec \arcsec \accot yes arcsec \arcsec \acc yes sinh \sinh yes csh \cosh cosh yes tanh \tanh tanh yes tanh \tanh yes coth \coth coth yes coth \coth coth yes csh \sech sh yes csh \sech sh yes csh \arcsinh						-	no	
csc \csc cc yes arcsin \arcsin asin yes arccos \accos yes arctan \arctan atan yes arcset \arcset aset yes arcsec \arcsec aset yes arcsec \arcsec yes yes sinh \sinh yes cosh \csh yes tanh \tanh tanh yes coth \coth coth yes coth \coth coth yes sech \sech sh yes csch \arcsinh ahsin yes arcsinh \arcsinh ahsin yes arctanh \arcsinh ahtan yes arctanh \arcsinh ahtan yes arctanh \arcsinh ahtan yes arctanh \arcsech ahtan yes ar								
arcsin \arcsin asin yes arccos \arccos yes arctan \arctan yes arccot \arccot yes arcsec \arccsc asec yes sinh \sinh yes cosh \cosh cosh yes tanh \tanh yes tanh \tanh yes coth \coth coth yes sech \sech sh yes sech \sech sh yes arcsinh \arcsinh ahsin yes arcsinh \arcsinh ahsin yes arcsinh \arcsinh ahsin yes arctanh \arctanh ahcos yes arctanh \arcsinh ahcos yes arcsch \arcsch ahcot yes arcsch \arcsch ahcot yes arcsch \arccsch ahcot							no	
arccos \arccos yes arctan \arctan yes arccot \arccot yes arcsec \arccsc acc yes sinh \sinh yes cosh \cosh cosh yes tanh \tanh tanh yes coth \coth coth yes sech \sech sh yes esch \sech sh yes arcsinh \arcsinh ahsin yes arccosh \arccosh ahcos yes arctanh \arccoth ahcos yes arcsech \arcsech ahcot yes arcs							no	
arctan \arctan atan yes arccot \arccsec asec yes arcsec \arccsc acc yes sinh \sinh yes cosh \cosh yes tanh \tanh yes coth \coth yes sech \sech sh yes sech \csch tanh yes csch \csch tanh yes arcsinh \arcsinh ahsin yes arccosh \arccosh ahcos yes arctanh \arccosh ahcos yes arccoth \arcsech ahcot yes arcsech \arcsech ahsec yes arcsech \arcsech ahcc yes arcsech \arcsech ahcc yes arcsech \arcsech ahcc yes arcsech \arccsch ahcc yes arc						yes	no	
arccot \arccot acct yes arcsec \arccsc acc yes sinh \sinh yes cosh \cosh yes tanh \tanh yes coth \coth yes sech \sech sh yes csch \csch tanh yes arcsinh \arcsinh ahsin yes arccosh \arccosh ahcos yes arctanh \arccoth ahtan yes arctanh \arccoth ahcot yes arcsech \arcsech ahcot yes arcsech \arcsech ahcot yes arcsch \arccsch ahcot yes a	3				acos	yes	no	
arcsec \arcsec asec yes arccsc \arcsec yes sinh \sinh yes cosh \cosh yes tanh \tanh \tanh yes coth \coth yes sech \sech sh yes csch \csch \tanh yes arcsinh \arcsinh \arcsinh yes arccosh \arccosh \arccosh yes arctanh \arctanh \arctanh \arctanh yes arcsech \arcsech \arcsech \arcsech yes arcsech \arcsech	า				atan	yes	no	
arcsec \arcsec asec yes arccsc \arcsec yes sinh \sinh yes cosh \cosh yes tanh \tanh yes coth \coth yes sech \sech sh yes csch \csch tanh yes arcsinh \arcsinh ahsin yes arccosh \arccosh ahcos yes arctanh \arctanh ahtan yes arcsech \arcsech ahcot yes arcsech \arcsech ahcot yes arcsch \arcsech ahcot yes arcsch \arcsech ahcot yes exp \exp xp yes ln \lambda \lambda \lambda \lambda	t				acot	yes	no	amsmath*
arccsc \arccsc acc yes sinh \sinh yes cosh \cosh yes tanh \tanh yes coth \coth yes sech \sech sh yes csch \tanh yes arcsinh \arcsinh yes arcsinh yes arccosh \arccosh ahcos yes arctanh \arctanh ahtan yes arcsech \arccoth ahcot yes arcsech \arcsech ahcot yes arcsch \arcsech ahcc yes exp \exp xp yes ln \langle \langle yes					asec		no	amsmath*
sinh \sinh yes cosh \cosh yes tanh \tanh yes coth \coth yes sech \sech sh yes csch \tanh yes arcsinh \arcsinh ahsin yes arccosh \arcsinh ahcos yes arctanh \arctanh ahtan yes arccoth \arccoth ahcot yes arcsech \arcsech ahcot yes arccsch \arccsch ahc yes exp \exp xp yes ln \langle \langle yes							no	amsmath*
cosh \cosh yes tanh \tanh yes coth \coth yes sech \sech sh yes csch \tanh yes arcsinh \arcsinh ahsin yes arccosh \arccosh ahcos yes arctanh \arctanh ahtan yes arcsech \arcsech ahcot yes arcsech \arcsech ahco yes exp \exp xp yes ln \langle \langle yes	-	_					no	
tanh \tanh yes coth \coth yes sech \sech sh yes csch \csch tanh yes arcsinh ahsin yes arccosh ahcos yes arctanh ahtan yes arccoth ahcot yes arcsech \arcsech ahsec yes arccsch \arcsech ahcc yes exp \exp xp yes ln \langle \langle yes		—				<u> </u>		
coth \coth coth yes sech \sech sh yes csch \csch tanh yes arcsinh ahsin yes arccosh ahcos yes arctanh ahtan yes arccoth \arccoth ahcot yes arcsech \arcsech ahsec yes arccsch \arccsch ahcc yes exp \exp xp yes ln \langle \langle yes							no	
sech \sech sh yes csch \csch \tanh yes arcsinh \arcsinh \ahsin yes arccosh \arccosh \ahcos yes arctanh \arctanh \ahtan yes arcseth \arccoth \ahcot yes arcseth \arcseth \ahcot yes arccsch \arccsch \ahcot yes exp \exp xp yes ln \lin \lin yes							no	
csch \csch tanh yes arcsinh \arcsinh \ahsin yes arccosh \arccosh \ahcos yes arctanh \arctanh \ahtan yes arccoth \arccoth \ahcot yes arcsech \arcsech \ahcot yes arccsch \arccsch \ahcot yes exp \exp xp yes ln \lin \lin yes					coth	yes	no	
arcsinh \arcsinh ahsin yes arccosh ahcos yes arctanh \arctanh ahtan yes arccoth \arccoth ahcot yes arcsech \arcsech ahsec yes arccsch \arccsch ahcc yes exp \exp xp yes ln \ln \ln yes					sh	yes	no	amsmath*
arccosh \arccosh ahcos yes arctanh \arctanh ahtan yes arccoth \arccoth ahcot yes arcsech \arcsech ahsec yes arccsch \arccsch ahcc yes exp \exp xp yes ln \ln \ln yes				·	tanh	yes	no	amsmath*
arccosh \arccosh ahcos yes arctanh \arctanh ahtan yes arccoth \arccoth ahcot yes arcsech \arcsech ahsec yes arccsch \arccsch ahcc yes exp \exp xp yes ln \ln \ln yes	nh				ahsin	yes	no	amsmath*
arctanh \arctanh ahtan yes arccoth ahcot yes arcsech \arcsech ahsec yes arccsch \arccsch ahcc yes exp \exp xp yes ln \ln \ln yes					-		no	amsmath*
arccoth \arccoth ahcot yes arcsech ahsec yes arccsch \arccsch ahcc yes exp \exp xp yes ln \ln \ln yes							no	amsmath*
arcsech lansec yes arccsch lansec yes exp lexp xp yes ln ln yes								
arccsch \arccsch ahcc yes exp \exp xp yes ln \ln \ln yes							no	amsmath*
exp xp yes ln \ln yes							no	amsmath*
In \ln yes	ch				ahcc	yes	no	amsmath*
					хр	yes	no	
					ln	yes	no	
log lg yes					lq		no	
Ellipsis			F	llinsis		· ·	1	1

Name	Command	Snippet	Autosnippet	Visual	Package
Lower dots	\ldots	dd	yes	no	
Centered dots	\cdots	cr	yes	no	
Vertical dots	\vdots	vd	yes	no	
Diagonal dots	\ddots	gd	yes	no	
Colon	\colon	cln	yes	no	
Semicolon	:	sln	yes	no	
	Horizontal extensions		,		
Name	Command	Snippet	Autosnippet	Visual	Package
Overline		ovr	yes	yes	
Underline		und	yes	yes	
Overbrace	^{top}	ovb	yes	yes	
Underbrace	_{bottom}	unb	yes	yes	
5.400	Delimiters		7	,,,,	
Name	Command	Snippet	Autosnippet	Visual	Package
Parenthesis	\left(\right)	dp	yes	yes	
Brackets	\left[\right]	ds	yes	yes	
Braces	\{ \}	bb	yes	yes	
Extensible braces	\left\{ \right\}	db	yes	yes	
Extensible braces	\left\langle \right\rangle	ub	yes	yes	
Angle brackets	\langle \rangle	dk	yes	yes	
Pipes	\left\lvert \right\rvert	da	yes	yes	amsmath
	\lvert \rvert				
Double pipes	\left\lVert \right\rVert	dn	yes	yes	amsmath
	\lVert \rVert			•	
	\big				
Big-g delimiters	\Big	big	yes	no	
9 9	\bigg		,		
	\Bigg				
	Spacing commands				
Name	Command	Snippet	Autosnippet	Visual	Package
Thin space		thp	yes	no	
Medium space	\:	mip	yes	no	
Thick space	\;	mep	yes	no	
Enskip	\enskip	enp	yes	no	
Quad		qu	yes	no	
Double quad	\qquad	qq	yes	no	
Negative thin space	\!	thn	yes	no	
Negative medium space	\negmedspace	men	yes	no	
Negative thick space	\negthickspace	tkn	yes	no	
Horizontal space		hs	yes	no	
Vertical space		vs	yes	no	
	Greek alphabet		,		
Name	Command	Snippet	Autosnippet	Visual	Package
Alpha	\alpha	.a	yes	no	
Beta	\beta	.b	yes	no	
Chi	\chi	.c	yes	no	
Uppercase delta	\Delta	. D	yes	no	
Lowercase delta	\delta	.d	yes	no	
	\varepsilon	+	,		
Epsilon				no	
i .		e	yes		ı
Unnercase damma	\epsilon				
Uppercase gamma	\epsilon \Gamma	. G	yes	no	
Lowercase delta	\epsilon \Gamma \gamma	. G . g	yes yes	no no	
Lowercase delta Eta	\epsilon \Gamma \gamma \eta	.G .g .h	yes yes yes	no no no	
Lowercase delta Eta Iota	\epsilon \Gamma \gamma \eta \iota	.6 .g .h	yes yes yes	no no no no	
Lowercase delta Eta Iota Kappa	\epsilon \Gamma \gamma \eta \iota \iota \kappa	.6 .g .h .i	yes yes yes yes yes	no no no no	
Lowercase delta Eta Iota Kappa Uppercase lambda	\epsilon \Gamma \gamma \eta \iota \kappa \Lambda	.6 .g .h .i .k .L	yes yes yes yes yes yes	no no no no no	
Lowercase delta Eta Iota Kappa Uppercase lambda Lowercase lambda	\epsilon \Gamma \gamma \eta \iota \kappa \Lambda \lambda	.6 .g .h .i .k .L .1	yes yes yes yes yes yes yes	no no no no no no	
Lowercase delta Eta Iota Kappa Uppercase lambda Lowercase lambda	\epsilon \Gamma \gamma \eta \iota \kappa \Lambda \lambda \mu	.6 .g .h .i .k .L	yes yes yes yes yes yes yes yes	no no no no no no	
Lowercase delta Eta Iota Kappa Uppercase lambda Lowercase lambda Mu Nu	\epsilon \Gamma \gamma \eta \iota \kappa \Lambda \Lambda \mu \nu	.6 .g .h .i .k .L .t .m .n	yes	no no no no no no no	
Lowercase delta Eta Iota Kappa Uppercase lambda Lowercase lambda Mu Nu Uppercase omega	\epsilon \Gamma \gamma \eta \iota \kappa \Lambda \lambda \mu \nu \Omega	.6 .9 .h .i .k .L .1 .m .n	yes	no no no no no no no no	
Lowercase delta Eta Iota Kappa Uppercase lambda Lowercase lambda Mu Nu Uppercase omega Lowercase omega	\epsilon \Gamma \gamma \eta \iota \iota \kappa \Lambda \lambda \mu \nu \Omega \omega	.6 .g .h .i .k .L .1 .m .n .0 .0	yes	no no no no no no no no	
Lowercase delta Eta Iota Kappa Uppercase lambda Lowercase lambda Mu Nu Uppercase omega	\epsilon \Gamma \gamma \eta \iota \iota \kappa \Lambda \lambda \mu \nu \omega \omega \Phi	.6 .9 .h .i .k .L .1 .m .n	yes	no no no no no no no no	
Lowercase delta Eta Iota Kappa Uppercase lambda Lowercase lambda Mu Nu Uppercase omega Lowercase phi	\epsilon \Gamma \gamma \eta \iota \iota \kappa \Lambda \lambda \mu \nu \Omega \omega	.6 .9 .h .i .k .L .1 .m .n .0	yes	no no no no no no no no no	
Lowercase delta Eta Iota Kappa Uppercase lambda Lowercase lambda Mu Nu Uppercase omega Lowercase omega	\epsilon \Gamma \gamma \eta \iota \iota \kappa \Lambda \lambda \mu \nu \omega \omega \Phi	.6 .g .h .i .k .L .1 .m .n .0 .0	yes	no no no no no no no no	
Lowercase delta Eta Iota Kappa Uppercase lambda Lowercase lambda Mu Nu Uppercase omega Lowercase phi	\epsilon \Gamma \gamma \eta \iota \iota \kappa \Lambda \lambda \mu \nu \Omega \omega \Phi \phi	.6 .9 .h .i .k .L .1 .m .n .0	yes	no no no no no no no no no	

Uppercase psi		1			
орреговае раз	\Psi	.Ps	yes	no	
Lowercase psi	\psi	.ps	yes	no	
Rho	\rho	.r	yes	no	
Uppercase sigma	\Sigma	.s	yes	no	
Lowercase sigma	\sigma	.s	yes	no	
Tau	\tau	.ta			
			yes	no	
Uppercase theta	\Theta	.Th	yes	no	
Lowercase theta	\theta	.th	yes	no	
Uppercase upsilon	\Upsilon	.U	yes	no	
Lowercase upsilon	\upsilon	. U	yes	no	
Uppercase xi	\Xi	.X	yes	no	
Lowercase xi	\xi	.x	yes	no	
Zeta	\zeta	.z	yes	no	
	Letter-shaped symbols		,		
Name	Command	Cninnot	Autooninnot	Visual	Dooleage
		Snippet	Autosnippet		Package
Aleph	\aleph	ha	yes	no	
Beth	beth	hb	yes	no	amssymb
Daleth	\daleth	hd	yes	no	amssymb
Gimel	\gimel	hg	yes	no	amssymb
ell	\ell	เเ	yes	no	
Set complement	\complement	cm	yes	no	amssymb
hbar	\hbar	hr	yes	no	
hslash	\hslash	hl		no	amssymb
Partial			yes		
rartial	\partial \	pt	yes	no	
	Miscellaneous symbols				
Name	Command	Snippet	Autosnippet	Visual	Package
Dollar sign	\\$	dl	yes	no	
Numeral	\#	hh	yes	no	
Infinity	\infty	fy	yes	no	
Prime	\prime	pr	yes	no	
Percentage	\%	per	yes	no	
Ampersand	\&	amp	yes	no	
Angle	\angle	ang	yes	no	
Nabla	\nabla	nb	yes	no	
Section symbol	\s	ch	yes	no	
	Accents				
Name	Command	Snippet	Autosnippet	Visual	Package
Dot accent		dr	yes	yes	amsmath
					amsmath
					amsmath
Hat		ht	yes	yes	amsmath
			•	•	
Hat Math ring		ht rng	yes yes	yes yes	
Math ring		rng	yes	yes	
			•	•	
Math ring Tilde		rng til	yes	yes	
Math ring		rng	yes	yes	
Math ring Tilde		rng til	yes	yes	 esvect
Math ring Tilde	Logic	rng til	yes yes yes	yes	 esvect
Math ring Tilde Vector Name	Logic Command	rng til vv	yes yes yes Autosnippet	yes yes no Visual	 esvect
Math ring Tilde Vector Name For all	Logic Command	rng til vv Snippet fa	yes yes yes Autosnippet yes	yes yes no Visual	esvect Package *
Math ring Tilde Vector Name For all Exists	Logic Command \forall \exists	rng til vv Snippet fa ex	yes yes Autosnippet yes yes	yes yes no Visual no no	 esvect Package *
Math ring Tilde Vector Name For all Exists Not exist	Logic Command \forall \exists \nexists	rng til vv Snippet fa ex nx	yes yes Autosnippet yes yes yes	yes yes no Visual no no	esvect Package * amssymb*
Math ring Tilde Vector Name For all Exists Not exist Logic negation	Logic Command \forall \exists \nexists \lnot	rng til vv Snippet fa ex nx	yes yes Autosnippet yes yes yes yes	yes yes no Visual no no no	esvect Package * amssymb*
Math ring Tilde Vector Name For all Exists Not exist Logic negation Logic and	Logic Command \forall \exists \nexists \lnot \land	rng til vv Snippet fa ex nx lt	yes yes Autosnippet yes yes yes yes yes	yes yes no Visual no no no no	esvect Package * amssymb*
Math ring Tilde Vector Name For all Exists Not exist Logic negation Logic and Logic or	Logic Command \forall \exists \nexists \lnot \land \lor	rng til vv Snippet fa ex nx lt lan	yes yes Autosnippet yes yes yes yes	yes yes no Visual no no no	esvect Package * amssymb*
Math ring Tilde Vector Name For all Exists Not exist Logic negation Logic and	Logic Command \forall \exists \nexists \lnot \land	rng til vv Snippet fa ex nx lt	yes yes Autosnippet yes yes yes yes yes	yes yes no Visual no no no no	esvect Package * amssymb*
Math ring Tilde Vector Name For all Exists Not exist Logic negation Logic and Logic or Implies Implied by	Logic Command \forall \exists \nexists \lnot \land \lor	rng til vv Snippet fa ex nx lt lan	yes yes Autosnippet yes yes yes yes yes yes yes yes	yes yes no Visual no no no no no no	esvect Package * amssymb*
Math ring Tilde Vector Name For all Exists Not exist Logic negation Logic and Logic or Implies	Logic Command \forall \exists \nexists \lnot \land \lor \implies	rng til vv Snippet fa ex nx lt lan lor ip	yes yes Autosnippet yes	yes yes no Visual no no no no no no	esvect Package * amssymb* amsmath
Math ring Tilde Vector Name For all Exists Not exist Logic negation Logic and Logic or Implies Implied by	Logic Command \forall \exists \nexists \lnot \land \lor \implies \impliedby	rng til vv Snippet fa ex nx lt lan lor ip ib	yes yes yes Autosnippet yes	yes yes no Visual no	esvect Package * amssymb* amsmath amsmath
Math ring Tilde Vector Name For all Exists Not exist Logic negation Logic and Logic or Implies Implied by	Logic Command \forall \exists \nexists \lnot \land \lor \implies \impliedby \iff	rng til vv Snippet fa ex nx lt lan lor ip ib	yes yes yes Autosnippet yes	yes yes no Visual no	esvect Package * amssymb* amsmath amsmath
Math ring Tilde Vector Name For all Exists Not exist Logic negation Logic and Logic or Implies Implied by If and only if	Logic Command \forall \exists \nexists \lnot \land \lor \implies \implies \impliedby \iff Sets and inclusion	rng til vv Snippet fa ex nx lt lan lor ip ib	yes yes yes Autosnippet yes	yes yes yes no Visual no no no no no no no no no	esvect Package * amssymb* amsmath amsmath amsmath
Math ring Tilde Vector Name For all Exists Not exist Logic negation Logic and Logic or Implies Implied by If and only if Name	\vvc} \text{Logic} Command \forall \exists \nexists \lnot \land \lor \implies \implies \impliedby \tiff Sets and inclusion Command	rng til vv Snippet fa ex nx lt lan lor ip ib iff	yes yes yes Autosnippet yes	yes yes yes no Visual no no no no no no no no visual Visual	esvect Package * amssymb* amsmath amsmath amsmath
Math ring Tilde Vector Name For all Exists Not exist Logic negation Logic and Logic or Implies Implied by If and only if Name Belongs to Not in	Logic Command \forall \exists \nexists \lnot \land \lor \implies \implies \implies \impliedby \tiff Sets and inclusion Command \in \notin	rng til vv Snippet fa ex nx lt lan lor ip ib iff Snippet in ntn	yes yes yes Autosnippet yes	yes yes no Visual no	esvect Package * amssymb* amsmath amsmath amsmath
Math ring Tilde Vector Name For all Exists Not exist Logic negation Logic and Logic or Implies Implied by If and only if Name Belongs to Not in Owns	Logic Command \forall \exists \nexists \lnot \land \lor \implies \impliedby \tiff Sets and inclusion Command \in \notin \notin	rng til vv Snippet fa ex nx lt lan lor ip ib iff Snippet in	yes yes yes Autosnippet yes	yes yes yes no Visual no no no no no no no visual no no no	esvect Package * amssymb* amsmath amsmath amsmath Package
Math ring Tilde Vector Name For all Exists Not exist Logic negation Logic and Logic or Implies Implied by If and only if Name Belongs to Not in	Logic Command \forall \exists \nexists \lnot \land \lor \implies \impliedby \tiff Sets and inclusion Command \in \notin \notin \notin \notin \notin	rng til vv Snippet fa ex nx lt lan lor ip ib iff Snippet in ntn	yes yes yes Autosnippet yes	yes yes no Visual no	esvect Package * amssymb* amsmath amsmath amsmath Package
Math ring Tilde Vector Name For all Exists Not exist Logic negation Logic and Logic or Implies Implied by If and only if Name Belongs to Not in Owns Empty set	Logic Command \forall \exists \nexists \lnot \land \lor \implies \impliedby \tiff Sets and inclusion Command \in \notin \notin \notin \ni \emptyset \varnothing	rng til vv Snippet fa ex nx lt lan lor ip ib iff Snippet in ntn na	yes yes yes Autosnippet yes	yes yes no Visual no	esvect Package * amssymb* amsmath amsmath amsmath Package amsmath
Math ring Tilde Vector Name For all Exists Not exist Logic negation Logic and Logic or Implies Implied by If and only if Name Belongs to Not in Owns	Logic Command \forall \exists \nexists \lnot \land \lor \implies \impliedby \tiff Sets and inclusion Command \in \notin \notin \notin \notin \notin	rng til vv Snippet fa ex nx lt lan lor ip ib iff Snippet in ntn na	yes yes yes Autosnippet yes	yes yes yes no Visual no	esvect Package * amssymb* amsmath amsmath amsmath

					1
Big union	\bigcup	bun	yes	no	
Big subscript union	\bigcup_{}	sun	yes	no	
Big definite union	\bigcup_{}^{}	dun	yes	no	
Intersection	\cap	nit	yes	no	
Big intersection	\bigcap	bit	yes	no	
Big subscript intersection	\bigcap_{}	sit	yes	no	
Big definite intersection	\bigcap_{}^{}	dit	yes	no	
Set difference	\setminus	sf	yes	no	
Subset	\subset	sbs	yes	no	
Subset or equals	\subseteq	sbq	yes	no	
·	\nsubseteq		,		amssymb
Contains	\supset	sps	yes	no	
Contains or equals	\supseteq	spq	yes	no	
·	\nsupseteq		,		amssymb
Dots set	\{ \std \}	setd	yes	no	*
Bar set	\{ \mid \}	setb	yes	no	
	Arrows				I
Name	Command	Snippet	Autosnippet	Visual	Package
Long right arrow	longrightarrow	rar	yes	no	
Long left arrow	longleftarrow	lar	yes	no	
Long maps to	longmapsto	to	yes	no	
	Sums				
Name	Command	Snippet	Autosnippet	Visual	Package
Subscript sum	\sum_{}	ssm	yes	no	
Definite sum	\sum_{}^{}	nsm	yes	no	
Subscript o-sum	\bigoplus_{}	sosm	yes	no	
Definite o-sum	\bigoplus_{}^{}	nosm	yes	no	
	Products				
Name	Command	Snippet	Autosnippet	Visual	Package
Subscript product	\prod_{}	suc	yes	no	
Definite product	\prod_{}^{}	nuc	yes	no	
Subscript o-times	\bigotimes_{}	souc	yes	no	
Definite o-times	\bigotimes_{}^{}	nouc	yes	no	
	Derivatives				1
Name	Command	Snippet	Autosnippet	Visual	Package
Differential	\dx	df	yes	no	amsmath*
Derivative	\der{func}{var}	der	yes	no	amsmath*
	\Der{func}{var}		,	-	
n-th derivative	\ndr{n}{func}{var}	ndr	yes	no	amsmath*
	\Ndr{n}{func}{var}		,		
partial derivative	\pdr{func}{var}	pdr	yes	no	*
	\Pdr{func}{var}	<u> </u>	,		
n-th partial derivative	\npd{n}{func}{var}	npd	yes	no	*
·	\Npd{n}{func}{var}		,		
Derivative evaluation		evl	yes	no	amsmath*
	Integrals				ı
Name	Command	Snippet	Autosnippet	Visual	Package
Integral	lint	itn	yes	no	
	\oint \		,	-	
Subscript integral	\int_{}	its	yes	no	
	\oint_{}				
Definite integral	\int_{}^{}	itd	yes	no	
Double integral	liint	itbn	yes	no	amsmath
<u> </u>	\oiint				esint
Double integral subscript	\iint_{}	itbs	yes	no	amsmath
	\oiint_{}				esint
Triple integral	liint	ittn	yes	no	amsmath
1	\oiiint	1	,		txfonts
Triple integral subscript	\iiint_{}	itts	yes	no	amsmath
	\oiiint_{}		,		txfonts
Quadruple integral	liiint	itqn	yes	no	amsmath
Quadruple integral subscript	\iiiint_{}	itqs	yes	no	amsmath
Multiple integral	\idotsint	itmn	yes	no	amsmath
Multiple integral subscript	\idotsint_{}	itms	yes	no	amsmath
	bibtex.lua				
	Bibliography and citations	3			
	Citations				

Name Citation style	Command	Snippet cst	Autosnippet no	Visual no	Package amsmath
	\cite{key-list}		110		Gill Sill CTI
Citation	\cite[text]{key-list}	ct	no	no	
	\fullcite{key-list}				
Full citation	\fullcite[post-note]{key-list}	cf	no	no	jurabib
	\fullcite[annotator][post-note]{key-list}				
Cite not cited	\nocite{key-list}	ctn	no	no	
0100 1100 010 <u>C</u> U	\nocite{*}	CIII	110	110	
	\citet{key-list}				
	\citet[post-note]{key-list}				
Textual citation	\citet[pre-note][post-note]{key-list}	tc	no	no	natbib
	\citet*{key-list}				
	\citet*[post-note]{key-list}	_			
	\citet*[pre-note][post-note]{key-list}				
	<pre>\citealt{key-list} \citealt[post-note]{key-list}</pre>				
	\citealt[pre-note][post-note]{key-list}	_			
No parentheses textual citation	\citealt*{key-list}	tnc	no	no	natbib
	\citealt*[post-note]{key-list}	\dashv			
	\citealt*[pre-note][post-note]{key-list}	\dashv			
	\citeq{key-list}				
	\citep[neg-tist] \citep[post-note]{key-list}				
D	\citep[pre-note][post-note]{key-list}				
Parenthetical citation	\citep*{key-list}	tpc	no	no	natbib
	\citep*[post-note]{key-list}				
	\citep*[pre-note][post-note]{key-list}				
Author citation	\citeauthor{key-list}	2	200		noth:
Author citation	\citeauthor*{key-list}	auc	no	no	natbib
Year citation	\citeyear{key-list}	yec	no	no	natbib
.561 010001011	\citeyearpar{key-list}	yeu	110	IIU	iia rnTŋ
	Bibliography				
Name	Command	Snippet	Autosnippet	Visual	Package
Bibliography files	\bibliography{file-list}	bib	no	no	
Bibliography style	\bibliographystyle{style}	bisty	no	no	
	bib.lua				
Name	BibTeX entry types Command	Snippet	Autosnippet	Visual	Package
Name BibTeX abbreviation	Command @string{key = "text to abbreviate"}	Snippet	no	no	Package
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book	<pre>year = "year", volume = "volume", number = "number", series = "pages", address = "address", edition = "edition", month = "month", note = "note" }</pre>	bks	no	no	
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manual	edition = "edition",	man	no	no	
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isc	month = "month",	mis	no	no	1
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	title = "title",		ļ		-
	school = "school",		ļ		-
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	month = "month",		İ		-
	note = "note"		İ		-
]}		ı		'
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	year = "year",		İ		1
	editor = "editor",		ļ		-
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roceedings	series = "pages",	pcd	no	no	
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÷	year = "year",		İ		-
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	address = "address", month = "month",		ļ		1
	montn = "montn", note = "note"		ļ		-
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npublished DeclareMathOperator{\a	<pre>author = "author", title = "title", note = "note", month = "month", year = "year" } Preamble mac: Trigonometric fun Code</pre>	eros	no	no	Package amsmath
	<pre>author = "author", title = "title", note = "note", month = "month", year = "year" } Preamble mac: Trigonometric fun Code arccot}{arccot}</pre>	eros	no	no	Package
DeclareMathOperator{∖a	author = "author", title = "title", note = "note", month = "month", year = "year" } Preamble macr Trigonometric fun Code arccot}{arccot} arcsec}	eros	no	no	Package amsmath

\DeclareMathOperator{\csch}{csch}		
\DeclareMathOperator{\arcsinh}{arcsinh}	amsmath	
\DeclareMathOperator{\arccosh}{arccosh}	amsmath	
\DeclareMathOperator{\arcsinh}{arcsinh}	amsmath	
\DeclareMathOperator{\arctanh}{arctanh}	amsmath	
\DeclareMathOperator{\arccoth}{arccoth}	amsmath	
\DeclareMathOperator{\arcsech}{arcsech}	amsmath	
\DeclareMathOperator{\arcscsch}{arccsch}		
Logic		
Code	Package	
\let\oldforall\forall		
\renewcommand{\forall}{\:\oldforall}		
\let\oldexists\exists		
<pre>\renewcommand{\exists}{\:\oldexists\:}</pre>		
\let\oldnexists\nexists		
<pre>\renewcommand{\nexists}{\:\oldnexists\:}</pre>	amssymb	
Logic		
Code	Package	
\newcommand{\std}{ : }		
Derivatives	·	
Code	Package	
\newcommand{\dx}{\text{d}}	amsmath	
\newcommand{\dr}{\text{d}}	amsmath	
\newcommand{\der}[2]{\frac{\dr#1}{\dr#2}}		
\newcommand{\Der}[2]{\frac{\dr}{\dr#2}#1}	amsmath	
\newcommand{\ndr}[3]{\frac{\dr^{#1}#2}{\dr#3^{#1}}}		
\newcommand{\Ndr}[3]{\frac{\dr^{#1}}}{\dr#3^{#1}}#2}	amsmath	
\newcommand{\pdr}[2]{\frac{\partial#1}{\partial#2}}		
\newcommand{\Pdr}[2]{\frac{\partial}{\partial#2}#1}		
\newcommand{\npd}[3]{\frac{\partial^{#1}#2}{\partial#3^{#1}}}		
\newcommand{\Npd}[3]{\frac{\partial^{#1}}{\partial#3^{#1}}#2}		
\newcommand{\evl}[1]{\mathrel{\bigg _{#1}}}	amsmath	