

Table of macros

Proof macros:

<code>\proof</code>	Proof.	begin-proof
<code>\endproof</code>	□	end-of-proof sign (with appropriate spacing)

Math-mode macros:

command	output	description
<code>\Natural</code>	\mathbb{N}	natural numbers
<code>\Integer</code>	\mathbb{Z}	integer numbers
<code>\Real</code>	\mathbb{R}	real numbers
<code>\Complex</code>	\mathbb{C}	Complex numbers
<code>\Re</code>	Re	real part
<code>\Im</code>	Im	imaginary part
<code>\d</code>	d	differential sign, for integrals
<code>\e</code>	e	Euler's number, base of natural logarithms
<code>\<</code>	\langle	left angled bracket
<code>\></code>	\rangle	right angled bracket
<code>\gl</code>	\gtrless	
<code>\intinfy</code>	$\int\limits_{-\infty}^{\infty}$	integral with limits from $-\infty$ to ∞

Math-mode macros with arguments: [shown with sample arguments]

command	output	description
<code>\@x</code>	x	math boldface font
<code>_a</code>	A	sans serif font
<code>\ /x</code>	<i>A</i>	calligraphic font
<code>\=x</code>	\bar{x}	overbar
<code>\.x</code>	\dot{x}	overdot
<code>\ "x</code>	\ddot{x}	double overdot
<code>\ 'x</code>	\vec{x}	vector sign
<code>\^x</code>	\hat{x}	caret
<code>\~x</code>	\tilde{x}	tilde
<code>\txtfrac37</code>	$\frac{3}{7}$	typeset fractions in text style (smaller)

Derivatives: [shown with sample arguments]

command	output	description
<code>\deriv yx</code>	$\frac{dy}{dx}$	derivative
<code>\deriv[n]yx</code>	$\frac{d^n y}{dx^n}$	n-th derivative
<code>\partialderiv yx</code>	$\frac{\partial y}{\partial x}$	partial derivative
<code>\partialderiv[n]yx</code>	$\frac{\partial^n y}{\partial x^n}$	n-th partial derivative
<code>\Frechetderiv yx</code>	$\frac{\delta y}{\delta x}$	functional derivative

Math operators/functions:

command	output	description
<code>\Ai</code>	Ai	Airy function Ai
<code>\Bi</code>	Bi	Airy function Bi
<code>\const</code>	const	constant
<code>\Ei</code>	Ei	Exponential integral
<code>\csch</code>	csch	hyperbolic cosecant
<code>\sech</code>	sech	hyperbolic secant
<code>\erf</code>	erf	error function
<code>\tr</code>	tr	matrix trace
<code>\Wr</code>	Wr	Wronskian