Arithmetic Operators		Lists	
x + y	x + y	list(x, y, z)	x, y, z
x - y	x – y	Relations	
x * y	ху	x == y	$\mathbf{x} = \mathbf{y}$
x/y	x/y	x != y	x ≠ y
х %+-% у	х±у	x < y	x < y
x%/%y	х÷у	x <= y	x ≤ y
x %*% y	$x \times y$	x > y	x > y
x %.% y	x · y	x >= y	x ≥ y
-X	-x	x %~~% y	x ≈ y
+X	+ X	x %=~% y	x≅y
Sub/Super	Sub/Superscripts		$x \equiv y$
x[i]	x _i	x %prop% y	x ∝ y
x^2	x ²	x %~% y	x ~y
Juxtaposition		Typeface	
x * y	ху	plain(x)	х
paste(x, y, z)	xyz	italic(x)	х
Radicals		bold(x)	x
sqrt(x)	√x	bolditalic(x)	x
sqrt(x, y)	∜x	underline(x)	<u>X</u>

Ellipsis		Arrows	
list(x[1],, x[n])	x ₁ ,, x _n	x %<->% y	$x \leftrightarrow y$
x[1] + + x[n]	$x_1 + \cdots + x_n$	x %->% y	$x \rightarrow y$
st(x[1], cdots, x[n])	x ₁ ,, x _n	х %<-% у	x ← y
x[1] + ldots + x[n]	x ₁ + + x _n	х %ир% у	х↑у
Set Relations		x %down% y	x↓y
x %subset% y	x ⊂ y	x %<=>% y	x ⇔ y
x %subseteq% y	x⊆y	x %=>% y	$x \Rightarrow y$
x %supset% y	x⊃y	x %<=% y	x ← y
x %supseteq% y	x⊇y	x %dblup% y	x 1 y
x %notsubset% y	x⊄y	x %dbldown% y	х∜у
x %in% y	x∈y	Symbolic N	lames
x %notin% y	x∉y	Alpha - Omega	$A - \Omega$
Accents		alpha - omega	α-ω
hat(x)	â	phi1 + sigma1	φ+ς
tilde(x)	x	Upsilon1	Υ
ring(x)	x	infinity	00
bar(xy)	xy	32 * degree	32°
widehat(xy)	хŷ	60 * minute	60′
widetilde(xy)	хў	30 * second	30″

Style		
displaystyle(x)	х	
textstyle(x)	x	
scriptstyle(x)	х	
scriptscriptstyle(x)	х	
Spacing		
x ~ ~y	ху	

x + phantom(0) + y	x + +y	
x + over(1, phantom(0))	x + -	
Fractions		
frac(x, y)	x y	
over(x, y)	<u>x</u> y	
atop(x, y)	x y	

Big Operators		
sum(x[i], i = 1, n)	$\sum_{1}^{n} x_{i}$	
prod(plain(P)(X == x), x)	$\prod_{X} P(X = x)$	
integral(f(x) * dx, a, b)	$\int_{a}^{b} f(x) dx$	
union(A[i], i == 1, n)	$\bigcup_{i=1}^{n} \mathbf{A}_{i}$	
intersect(A[i], i == 1, n)	$\bigcap_{i=1}^{n} \textbf{A}_{i}$	
lim(f(x), x %->% 0)	$\lim_{x\to 0} f(x)$	
min(g(x), x >= 0)	ming(x) x≥0	
inf(S)	infS	
sup(S)	supS	

Grouping		
(x + y) * z	(x + y)z	
x^y + z	x ^y +z	
x^(y + z)	x ^(y+z)	
x^{y + z}	x ^{y+z}	
group("(", list(a, b), "]")	(a, b]	
bgroup("(", atop(x, y), ")")	(x y)	
group(Iceil, x, rceil)	Гх]	
group(lfloor, x, rfloor)	LxJ	
group(" ", x, " ")	x	