Command	Full Name	Alias
°C→°F °F→°C	[degree]C[->][degree]F [degree]F[->][degree]C	C>F F>C
°→G °→rad 10×	[degree][->]G [degree][->]rad 10[^x]	DEG>GRAD DEG>RAD 10^x
*10*	[cmplx]10[^x]	c10^x
1/x *1/x	1/x [cmplx]1/x	INV cINV
2×	2[^x]	2^x
- *2*	[cmplx]2[^x]	c2^x
71	[^3][sqrt]	CROOT
271	[cmplx][^3][sqrt]	cCROOT
FABS	[cmplx]ABS	cABS
FACOS	[cmplx]ACOS	cACOS
FACOSH	[cmplx]ACOSH	cACOSH
acres⇒ha acreUS⇒ha	acres[->]ha	acres>ha
acreus→na ¶AGM	acreUS[->]ha [cmplx]AGM	acreUS>ha cAGM
ar.→dB	ar.[->]dB	ar.>dB
'ASIN	[cmplx]ASIN	cASIN
'ASINH	[cmplx]ASINH	cASINH
'ATAN	[cmplx]ATAN	cATAN
'ATANH	[cmplx]ATANH	cATANH
atm⇒Pa	atm[->]Pa	atm>Pa
AU⇒km	AU[->]km	AU>km
bar→Pa	bar[->]Pa	bar>Pa
Binom <sub>e</sub>	Binom[sub-p]	Binom-p
Binom <sub>u</sub>	Binom[sub-u]	Binom-u
Binom-1	Binom[^-1]	INV-Binom
B <sub>n</sub> B <sub>n</sub> **	B[sub-n]	Bn Bn*
Btu⇒J	B[sub-n][super-star] Btu[->]J	Bn* Btu>J
cal+J	cal[->]J	cal>J
Cauche	Cauch[sub-p]	Cauch-p
Caucha	Cauch[sub-u]	Cauch-u
Cauch-1	Cauch[^-1]	INV-Cauch
cft→1	cft[->]I	cft>I
CLα	CL[alpha]	CLa
CLS	CL[SIGMA]	CLSUMS
cm⇒inches sewer	cm[->]inches	cm>inches
CNST COMB	[cmplx]CNST	cCNST cCOMB
*CONJ	[cmplx]COMB [cmplx]CONJ	CCOMB
00110	[GIIIPIX]CONJ	COONJ

500S [cmplx]COS cCOS \*COSH cCOSH [cmplx]COSH \*CROSS [cmplx]CROSS **cCROSS** cwt⇒k9 cwt[->]kg cwt>kg DATE→ DATE> DATE[->] **DBL**× DBL\* DBL[times] dB⇒ar. dB[->]ar. dB>ar. dB⇒pr. dB>pr. dB[->]pr. DEG+ DEG[->] DEG> \*DOT cDOT [cmplx]DOT \*DROP **cDROP** [cmplx]DROP  $D \rightarrow J$ D[->]J D>J **SENTER** [cmplx]ENTER **cENTER ENTER**<sub>4</sub> **ENTER** ENTER[^]  $e^{x}$ **EXP** e[^x]  $\epsilon_{\alpha} \times$ [cmplx]e[^x] cEXP Expone Expon[sub-p] Expon-p Exponu Expon[sub-u] Expon-u Expon-1 **INV-Expon** Expon[^-1]  $e^{\times}-1$ EXP-1 e[^x]-1  $e_{e^{\times}-1}$ cEXP-1 [cmplx]e[^x]-1 fathom>m fathom[->]m fathom>m feetUS→m feetUS>m feetUS[->]m feet⇒m feet[->]m feet>m FIB [cmplx]FIB cFIB FILL [cmplx]FILL cFILL flozUK→ml flozUK>ml flozUK[->]ml flozUS+ml flozUS>mI flozUS[->]ml "FP [cmplx]FP cFP  $F_{\mathbf{F}}(\mathbf{x})$ F[sub-p](x)F-p(x) $F_{\omega}(x)$ F-u F[sub-u](x)F-1(p) INV-F  $F[^-1](p)$ 9alUK→1 galUK>l galUK[->]I 9a1US→1 galUS[->]I galUS>I 9. **GUD** g[sub-d] <sup>6</sup>9a cGUD [cmplx]q[sub-d] 94-1 g[sub-d][^-1] **INV-GUD** Fq\_-1 [cmplx]g[sub-d][^-1] cINV-GUD Geome Geom[sub-p] Geom-p Geoma Geom[sub-u] Geom-u Geom-1 Geom[^-1] **INV-Geom** GRAD→ GRAD[->1 GRAD> GT0α GTO[alpha] GTOa G**→**° **GRAD>DEG** G[->][degree] 9002 g[->]oz g>oz G⇒rad G[->]rad GRAD>RAD

9>tr.oz g[->]tr.oz q>tr.oz ha>acres ha[->]acres ha>acres ha>acreUS ha[->]acreUS ha>acreUS H\_ H[sub-n] Hn Hae H[sub-n][sub-p] Hnp he(E)∌W hp(E)[->]Whp(E)>Whe(I)∌W hp(I)[->]Whp(I)>Whe(M)→W hp(M)[->]Whp(M)>W ۲i [cmplx]i ci FIDIV [cmplx]IDIV cIDIV inches⇒cm inches[->]cm inches>cm inH9→Pa inHg[->]Pa inHg>Pa °IP [cmplx]IP cIP  $I_{\times}$ I[sub-x] **IBETA** J⇒Btu J[->]Btu J>Btu J÷cal J>cal J[->]cal  $J \rightarrow D$ J>D J[->]D J∌kWh J>kWh J[->]kWh k9→cwt kg[->]cwt kq>cwt kg→lb kg[->]lb kg>lb k9→stone kg[->]stone kg>stone k9→s.cwt kg[->]s.cwt kg>s.cwt km⇒AU km[->]AU km>AU km→1.v. km[->]l.y. km>l.y. km→miles km[->]miles km>miles km⇒nmi km>nmi km[->]nmi km⇒ec km[->]pc km>pc kWh⇒J kWh[->]J kWh>J 1b£⇒N lbf[->]N lbf>N lb⇒k9 lb>kg lb[->]kg L9Nrme LgNorm-p LgNrm[sub-p] LaNema LgNrm-u LgNrm[sub-u] L9Nrm<sup>-1</sup> INV-LgNorm LgNrm[^-1] La L[sub-n] Ln 9 N cLN [cmplx]LN \*LN1+x [cmplx]LN1+x cLN1+x Lac LnAlpha L[sub-n][alpha] LNB **LNBETA** LN[beta] \*LNB [cmplx]LN[beta] **cLNBETA** LNC LN[GAMMA] **LNGAMMA** FLNC [cmplx]LN[GAMMA] cLNGAMMA LOADE LOAD[SIGMA] **LOADSUMS** LOG<sub>10</sub> LOG[sub-1][sub-0] LG \*LOG<sub>10</sub> [cmplx]LOG[sub-1][sub-0] cLG LOG<sub>2</sub> LOG[sub-2] LB

LOG<sub>2</sub>

cLB

[cmplx]LOG[sub-2]

Logise Logis-p Logis[sub-p] Logisa Logis-u Logis[sub-u] Logis-1 Logis[^-1] **INV-Logis** LOG<sub>×</sub> LOG[sub-x] **LOGx** \*LOG» [cmplx]LOG[sub-x] cLOGx 1.y.⇒km I.y.[->]km I.v.>km 1+cft I[->]cft I>cft 1→9alUK I[->]galUK I>galUK 1→9a1US I[->]galUS I>galUS miles⇒km. miles[->]km miles>km ml⇒flozUK ml[->]flozUK ml>flozUK ml→flozUS ml[->]flozUS ml>flozUS mmH9+Pa mmHg[->]Pa mmHg>Pa MROW+× MROW+[times] MROW+\* MROW\* MROW[times] MROW\* MROW# MROW[<->] MROW<>  $M+\times$ M+\* M+[times] M-1 M.INV  $M[^-1]$ M× M\* M[times] m>fathom m>fathom m[->]fathom m⇒feet m[->]feet m>feet m⇒feetUS m>feetUS m[->]feetUS m⇒yards m[->]yards m>yards nmi⇒km nmi[->]km nmi>km Normle Norml[sub-p] NormI-p Normla Norml[sub-u] Norml-u Norm1-1 Norml[^-1] **INV-NormI** nΣ n[SIGMA] nSUM N→1bf N[->]lbf N>lbf 0249 oz[->]g oz>g Pa⇒atm Pa>atm Pa[->]atm Pa⇒bar Pa[->]bar Pa>bar Pa⇒inH9 Pa[->]inHg Pa>inHg Pa+mmH9 Pa[->]mmHg Pa>mmHg Pa-peri Pa[->]psi Pa>psi Pa>torr Pa[->]torr Pa>torr ec⇒km pc[->]km pc>km \*PERM **cPERM** [cmplx]PERM P<sub>n</sub> P[sub-n] Pn Poiss **Poiss** Pois2 Poisse Poiss[sub-p] Pois2-p Poissu Poiss[sub-u] Pois2-u Poiss-1 INV-Pois2 Poiss[^-1] Poish Pois[lambda] Pois Poishe Pois[lambda][sub-p] Pois-p Poish Pois[lambda][sub-u] Pois-u Pois[lambda][^-1] Poish-1 **INV-Pois** 

pr.⇒dB pr.[->]dB pr.>dB psi⇒Pa psi>Pa psi[->]Pa RAD→ RAD[->] RAD> rad≯° rad[->][degree] RAD>DEG rad⇒G rad[->]G RAD>GRAD FRCL [cmplx]RCL cRCL \*RCL+ cRCL+ [cmplx]RCL+ \*RCL-[cmplx]RCLcRCL-RCL× RCL[times] RCL\* \*RCL× [cmplx]RCL[times] cRCL\* \*RCL/ [cmplx]RCL/ cRCL/ RCL 本 RCL[^] **RCLMAX** RCL ₩ RCL[v] **RCLMIN** FROUND [cmplx]ROUND cROUND RΦ RUP R[^] <sup>የ</sup>Rተ cRUP [cmplx]R[^]  $R\Psi$ **RDN** R[v]FR4 cRDN [cmplx]R[v] SENDS SEND[SIGMA] **SENDSUMS** \*SIGN [cmplx]SIGN cSIGN ESIN [cmplx]SIN cSIN \*SINC [cmplx]SINC cSINC \*SINH cSINH [cmplx]SINH "STO [cmplx]STO cSTO stone+k9 stone[->]kg stone>kg "STO+ [cmplx]STO+ cSTO+ "STO-[cmplx]STOcSTO-STO× STO[times] STO\* \*STO× [cmplx]STO[times] cSTO\* \*STO/ [cmplx]STO/ cSTO/ STO<sub>4</sub> STO[^] **STOMAX** STO<sub>4</sub> **STOMIN** STO[v] s[sub-x][sub-y] 5×Y SXV s.cwt+kg s.cwt[->]kg s.cwt>kg s.tons⇒t s.tons[->]t s.tons>t \*TAN cTAN [cmplx]TAN \*TANH cTANH [cmplx]TANH T. T[sub-n] Tn tons⇒t tons[->]t tons>t torr>Pa torr>Pa torr[->]Pa  $t_{\mu}(x)$ t[sub-p](x) t-p(x) tr.oz+9 tr.oz[->]g tr.oz>g TSOFF **TSOFF** E3OFF TSON **TSON** E3ON  $t_{\omega}(x)$ t[sub-u](x) t-u

t-1(p) INV-t  $t[^{-1}](p)$ t>s.tons t[->]s.tons t>s.tons t>tons t[->]tons t>tons 七年 t<> t[<->] U<sub>m</sub> U[sub-n] Un **"VIEW** [cmplx]VIEW cVIEW VIEW« VIEW[alpha] VIEWa VWα± VW[alpha]+ VWa+ Weible Weibl[sub-p] Weibl-p Weibla Weibl[sub-u] Weibl-u Weibl-1 Weibl[^-1] **INV-Weibl** M<sub>m</sub>. W[sub-m] W1 Мe W0 W[sub-p] ╙ [cmplx]W[sub-p] cW0 Щ-1 INV-W W[^-1] **5M-1** cINV-W [cmplx]W[^-1] W⇒he(E) W[->]hp(E)W>hp(E) W⇒hp(I) W[->]hp(I)W>hp(I) W⇒he(M) W[->]hp(M)W>hp(M) X **MEAN** [x-bar]  $\chi^2$ x^2 x[^2]  $\mathbf{r}_{\mathbf{X}}\mathbf{z}$ [cmplx]x[^2] cx^2  $\chi \Delta$ x[^3] x^3  $\epsilon_{\chi}$ 3 [cmplx]x[^3] cx<sup>3</sup> XEQα XEQa XEQ[alpha] īЭ, **GEOMEAN** [x-bar]g žω MEAN-w [x-bar]w  $\mathbf{r}_{\mathbf{X}}$ cx! [cmplx]x! x÷α x[->][alpha] x>a χŞ χ<> x[<->] E<sub>X</sub>车 [cmplx]x[<->] CX<> x# Y X[<->]Y**SWAP** x¥ Y x[<->] Yχ<>γ fx# Z [cmplx]x[<->]ZcSWAP x40? x[<=]0?x<=0? x**≤**1? x <= 1?x[<=]1?x**≤**? x<=? x[<=]?x = 0? [cmplx]x=0? cx=0?  $^{c}x=1?$ [cmplx]x=1? cx=1? x=i? [cmplx]x=i? cx=i? x=?[cmplx]x=? cx=? x20? x~0? x[approx]0? x#1? x~1? x[approx]1? x2? x[approx]? x~? x≠0? x[!=]0?x!=0?5x≠0? [cmplx]x[!=]0? cx!=0?

x≠1? x[!=]1? x!=1?5x≠1? [cmplx]x[!=]1? cx!=1? <sup>c</sup>x≠i? [cmplx]x[!=]i? cx!=i? x≠? x[!=]?x!=?\*x≠? [cmplx]x[!=]? cx!=? x≥0? x[>=]0?x > = 0? x≥1? x[>=]1?x>=1?x**≥**? x[>=]?x>=? ×Tv. **XROOT** [^x][sqrt]y ex.To **cXROOT** [cmplx][^x][sqrt]y ŵ **FCSTx** [x-hat] yards⇒m yards>m yards[->]m  $\mathbf{y}^{\mathbf{x}}$ y[^x] y^x  $\epsilon_{\mathcal{Y}} \times$ cy^x [cmplx]y[^x] уŞ y[<->] y<> ٥ **FCSTy** [y-hat] 고두 z[<->] z<> 524 [cmplx]z[<->] cz<> [alpha]DATE aDATE  $\alpha DAY$ aDAY [alpha]DAY αGTO [alpha]GTO aGTO  $\alpha$ IP alP [alpha]IP αLENG [alpha]LENG aLENG **&MONTH** [alpha]MONTH aMONTH αOFF [alpha]OFF aOFF αON [alpha]ON aON αRCL aRCL [alpha]RCL c:RC# aRC# [alpha]RC#  $\alpha RL$ [alpha]RL aRL ∝RR. [alpha]RR aRR  $\alpha SL$ [alpha]SL aSL  $\alpha$ SR [alpha]SR aSR  $\alpha$ STO [alpha]STO aSTO **∝TIME** [alpha]TIME aTIME  $\alpha XEQ$ aXEQ [alpha]XEQ  $\alpha \rightarrow x$ [alpha][->]x a>x β **BETA** [beta] ß٩ cBETA [cmplx][beta] Γ **GAMMA** [GAMMA] ۲r [cmplx][GAMMA] cGAMMA  $\Gamma_{\mathbf{F}}$ **GAMMAP** [GAMMA][sub-p]  $\Gamma_{\neg}$ [GAMMA][sub-q] **GAMMAQ** Txx [gamma][sub-x][sub-y] gammaxy  $\Gamma_{xx}$ [GAMMA][sub-x][sub-y] **GAMMAxy ADAYS** [DELTA]DAYS **DDAYS** Δ% [DELTA]% %CH ٤ epsilon [epsilon]

8m	[epsilon]m	epsilon-m
ε <sub>F</sub>	[epsilon][sub-p]	epsilon-pop
7	[zeta]	ZETA
П	[PI]	PROD
σ	[sigma]	sigma
Σ	[SIGMA]	SUM
$\Sigma ln^2x$	[SIGMA]In[^2]x	SUMIn2x
Σln²y	[SIGMA]In[^2]y	SUMIn2y
Σlnx	[SIGMA]Inx	SUMInx
Σlnxy	[SIGMA]Inxy	SUMInxy
Σlny	[SIGMA]Iny	SUMIny
σω	[sigma]w	sigma-w
Σχ	[SIGMA]x	SUMx
Σx <sup>2</sup>	[SIGMA]x[^2]	SUMx2
Σx <sup>2</sup> y	[SIGMA]x[^2]y	SUMx2y
Σxlny	[SIGMA]xlny	SUMxIny
Σχν	[SIGMA]xy	SUMxy
Σν	[SIGMA]y	SUMy
Σy <sup>2</sup>	[SIGMA]y[^2]	SUMy2
Σylnx 	[SIGMA]ylnx	SUMylnx
Σ+	[SIGMA]+	SIGMA+
Σ-	[SIGMA]-	SIGMA-
$\Phi_{\omega}(\chi)$	[PHI][sub-u](x)	Q-u
$\Phi(x)$	[PHI](x)	PHI(x)
$\Phi(\chi)$	[phi](x)	phi(x)
φ-1(p) _	[PHI][^-1](p)	INV-PHI
χ2	[chi][^2]	CHI2
χ²INV 7	[chi][^2]INV	INV-CHI2
X <sup>2</sup> ≠	[chi][^2][sub-p]	chi2-p
χ <sup>2</sup> ω ( 452	[chi][^2][sub-u]	CHI2-u
(-1)× *(-1)×	(-1)[^x]	(-1)^x
	[cmplx](-1)[^x]	c(-1)^x
<sup>1</sup> +	[cmplx]+	C+
*+/-	[cmplx]+/-	C+/-
+/-	+/-	CHS
<sup>6</sup> +/-	[cmplx]+/-	cCHS
<b>-</b>	[cmplx]-	C-
×	[times]	*
c×	[cmplx][times]	C*
×MOD	[times]MOD	
4	[cmplx]/	c/
→DATE	[->]DATE	>DATE
→DEG	[->]DEG	>DEG
⇒GRAD	[->]GRAD	>GRAD
→HR	[->]HR	>HR
→H.MS	[->]H.MS	>H.MS
→POL	[->]POL	>POL
	- •	

⇒RAD	[->]RAD	>RAD
→REC	[->]REC	>REC
<b>‡</b>	[<->]	<>
%Σ	%[SIGMA]	%SUM
1	[sqrt]	SQRT
<b>1</b> 7	[cmplx][sqrt]	cSQRT
ſ	[integral]	INTG
ω?	[infinity]?	INF?
<b>"</b>	[cmplx]	c
<b>B</b> ADV	[print]ADV	P.ADV
<b>∆</b> CHR	[print]CHR	P.CHR
<b>A</b> tray	[print][cmplx]r[sub-x][sub-y	] P.crect
<b>A</b> DLAY	[print]DLAY	P.DLAY
AMODE	[print]MODE	P.MODE
<b>A</b> PLOT	[print]PLOT	P.PLOT
<b>APROG</b>	[print]PROG	P.PROG
<u>Ar</u>	[print]r	P.r
<b>A</b> REGS	[print]REGS	P.REGS
<b>A</b> STK	[print]STK	P.STK
<b>A</b> TAB	[print]TAB	P.TAB
<b>A</b> WIDTH	[print]WIDTH	P.WIDTH
Δα	[print][alpha]	P.a
<b>∆</b> α+	[print][alpha]+	P.a+
ΔΣ	[print][SIGMA]	P.SUMS
<b>≜</b> +∝	[print]+[alpha]	P.+a
<b>A</b> ?	[print]?	PRT?
<b>4</b> #	[print]#	P.#
<sup>c</sup> #	[cmplx]#	C#
# 1/√5	# 1/[sqrt]5	# RECIP_SQRT5
# 1/√π	# 1/[sqrt][pi]	# RECIP_SQRTPI
# Go	# a[sub-0]	# a0
# am	# a[sub-m]	# SM_luna
# a#	# a[terra]	# SM_terra
# C1	# c[sub-1]	# C1
# C2	# c[sub-2]	# C2
# Fa	# F[alpha]	# F_alpha
# Fá	# F[delta]	# F_delta
# G. # G.	# G[sub-0]	# Go # catalan
# Gc # 9c	# G[sub-c] # g[sub-e]	# Ge
# ħ	# g[sub-e] # [h-bar]	# de # hon2Pl
# L10-1	# L10[^-1]	# RECIPLN10
# LN2-1	# LN2[^-1]	# RECIPLN2
# le	# [sub-p]	# PlanckL
# Me	# m[sub-e]	# me
	[000 0]	<i>"</i> 1110

#	M <sub>m</sub> .	# M[oub m]	#M lung
		# M[sub-m]	# M_luna
#	Ma	# m[sub-n]	# mn
#	Me	# m[sub-p]	# mp
#	Me	# M[sub-p]	# PlanckM
#	Mu 2	# m[sub-u]	# mu
#	MuC <sup>2</sup>	# m[sub-u]c[^2]	# muc2
#	Me 	# m[sub-mu]	# mMu
#	Mo	# M[sol]	# M_sol
#	M⊕	# M[terra]	# M_terra
#	N <sub>e</sub>	# N[sub-A]	# Na
#	Po	# p[sub-0]	# atm
#	q <sub>F</sub>	# q[sub-p]	# PlanckQ
#	re	# r[sub-e]	# Re
#	Rĸ	# R[sub-k]	# Rk
#	R <sub>m</sub>	# R[sub-m]	# R_luna
#	R∞	# R[sub-infinity]	# Rinf
#	Ro	# R[sol]	# R_sol
#	R⊕	# R[terra]	# R_terra
#	Se <sup>2</sup>	# Se[^2]	# WGS_E2
#	Se'2	# Se'[^2]	# WGS_ES2
#	Sf-1	# Sf[^-1]	# WGS_F
#	T <sub>0</sub>	# T[sub-0]	# t
#	T <sub>F</sub>	# T[sub-p]	# PlanckTh
#	t <sub>e</sub>	# t[sub-p]	# tp
#	V <sub>m</sub>	# V[sub-m]	# Vm
#	Z <sub>0</sub>	# Z[sub-0]	# Zo
#	α	# [alpha]	# alpha
#	Ϋ́EM	# [gamma]EM	# EULER
#	Υe	# [gamma][sub-p]	# gamP
#	٤	# [epsilon][sub-0]	# eps0
#	λε	# [lambda][sub-c]	# lamC
#	λen	# [lambda][sub-c][sub-n]	# lamCn
#	λee	# [lambda][sub-c][sub-p]	# lamCp
#	Po Po	# [mu][sub-0]	# mu0
#	Pa	# [mu][sub-B]	# muB
#	με	# [mu][sub-e]	# muE
#	μ <sub>n</sub>	# [mu][sub-n]	# mun
#	<b>µ</b> p	# [mu][sub-p]	# muP
#	μu	# [mu][sub-u]	# mu_u
#	μμ	# [mu][sub-mu]	# mumu
#	π	# [pi]	PI
#	π/2	# [pi]/2	# Plon2
#	σm	# [sigma][sub-B]	# sigma
#	Φ	# [PHI]	# PHI
#	Фо	# [PHI][sub-0]	# phi0
#	ω	# [omega]	# WGS_OMEGA

# -0	# -[infinity]	# NEGINF
<b>#</b> √2π	# [sqrt]2[pi]	# SQRT_2_PI
# √R9B	# [integral]RgB	# INT_R_BOUNDS
# w	# [infinity]	# INF

Alias	Command	Full Name
c#	<sup>c</sup> #	[cmplx]#
# a0	# 00	# a[sub-0]
# alpha	# α	# [alpha]
# atm	# Po	# p[sub-0]
# C1	# C1	# c[sub-1]
# C2	# C2	# c[sub-2]
# catalan	# Gc	# G[sub-c]
# eps0	# 80	# [epsilon][sub-0]
# EULER	# ΥEM	# [gamma]EM
# F_alpha	# Fα	# F[alpha]
# F_delta	# Fá	# F[delta]
# gamP	# Ye	# [gamma][sub-p]
# Ge	# 9e	# g[sub-e]
# Go	# G.	# G[sub-0]
# hon2PI	# ħ	# [h-bar]
# INF	# w	# [infinity]
# INT_R_BOUNDS	# JR9B	# [integral]RgB
# lamC	# \rac{1}{c}	# [lambda][sub-c]
# lamCn	# )c-	# [lambda][sub-c][sub-n]
# lamCp	# \ce	# [lambda][sub-c][sub-p]
# M_luna	# M	# M[sub-m]
# M_sol	# Mo	# M[sol]
# M_terra	# Me	# M[terra]
# me	# Mt	# m[sub-e]
# mMu	# Me	# m[sub-mu]
# mn	# Mm	# m[sub-n]
# mp	# Me	# m[sub-p]
# mu	# Mu	# m[sub-u]
# mu0	# 40	# [mu][sub-0]
# mu_u	# 4"	# [mu][sub-u]
# muB	# Pm	# [mu][sub-B]
# muc2	# Muc <sup>2</sup>	# m[sub-u]c[^2]
# muE	# <b>4</b> €	# [mu][sub-e]
# mumu	# Pr	# [mu][sub-mu]
# mun	# Pa	# [mu][sub-n]
# muP	# P#	# [mu][sub-p]
# Na	# N <sub>*</sub>	# N[sub-A]
# NEGINF	# -0	# -[infinity]
# PHI	# <b>Φ</b>	# [PHI]
# phi0	# Фо	# [PHI][sub-0]
# Plon2	# π/2	# [pi]/2
# PlanckL	# 1-	# l[sub-p]
# PlanckM	# M <sub>F</sub>	# M[sub-p]
# PlanckQ	# 9=	# q[sub-p]

# DlandsTh	ш Т	# T[a,, b,1
# PlanckTh	# Te	# T[sub-p]
# R_luna	# R	# R[sub-m]
# R_sol	# RO	#R[sol]
# R_terra	# R⊕	# R[terra]
# Re	# re	# r[sub-e]
# RECIP_SQRT5	# 1/√5	# 1/[sqrt]5
# RECIP_SQRTPI	# 1/√π	# 1/[sqrt][pi]
# RECIPLN10	# L10 <sup>-1</sup>	# L10[^-1]
# RECIPLN2	# LN2-1	# LN2[^-1]
# Rinf	# R∞	# R[sub-infinity]
# Rk	# Rx	# R[sub-k]
# sigma	# <b>σ</b> ω	# [sigma][sub-B]
# SM_luna	# am.	# a[sub-m]
# SM_terra	# a®	# a[terra]
# SQRT_2_PI	# √2π	# [sqrt]2[pi]
# t	# To	# T[sub-0]
# tp	# t.	# t[sub-p]
# Vm	# Ym	# V[sub-m]
# WGS_E2	# Se <sup>2</sup>	# Se[^2]
#WGS_ES2	# Se'2	# Se'[^2]
# WGS F	# Sf-1	# Sf[^-1]
# WGS_OMEGA	# ω	# [omega]
# Zo	# Zo	# Z[sub-0]
%CH	Δ%	[DELTA]%
%SUM	%Σ	%[SIGMA]
(-1)^x	(-1)×	(-1)[^x]
c(-1)^x	<sup>c</sup> (−1)×	[cmplx](-1)[^x]
*	×	[times]
C*	c <sub>×</sub>	[cmplx][times]
C+	<sup>c</sup> +	[cmplx]+
C+/-	E+/-	[cmplx]+/-
C-	r_	[cmplx]-
c/	47	[cmplx]/
10^x	10×	10[^x]
c10^x	*10×	[cmplx]10[^x]
2^x	2×	2[^x]
c2^x	*2×	[cmplx]2[^x]
<> <>	±	[<->]
>DATE	→DATE	[->]DATE
>DEG	→DEG	
>GRAD	→GRAD	[->]DEG [->]GRAD
>H.MS	→H.MS	
		[->]H.MS
>HR	→HR >DOL	[->]HR
>POL	→POL	[->]POL
>RAD	→RAD	[->]RAD

>REC →REC [->]REC  $\alpha \rightarrow x$ a>x [alpha][->]x cABS FABS [cmplx]ABS FACOS **cACOS** [cmplx]ACOS \*ACOSH cACOSH [cmplx]ACOSH acres⇒ha acres>ha acres[->]ha acreUS>ha acreUS⇒ha. acreUS[->]ha aDATE [alpha]DATE  $\alpha DAY$ aDAY [alpha]DAY FAGM cAGM [cmplx]AGM  $\alpha$ GTO aGTO [alpha]GTO alP  $\alpha$ IP [alpha]IP **&LENG** aLENG [alpha]LENG  $\alpha$ MONTH aMONTH [alpha]MONTH aOFF  $\alpha OFF$ [alpha]OFF αON. aON [alpha]ON ar.>dB ar.→dB ar.[->]dB aRC# αRC# [alpha]RC# αRCL. aRCL [alpha]RCL aRL αRL. [alpha]RL aRR  $\alpha RR$ [alpha]RR FASIN cASIN [cmplx]ASIN **cASINH** FASINH. [cmplx]ASINH aSL  $\alpha SL$ [alpha]SL aSR  $\alpha$ SR [alpha]SR αSTO aSTO [alpha]STO FATAN cATAN [cmplx]ATAN \*ATANH **cATANH** [cmplx]ATANH aTIME  $\alpha$ TIME [alpha]TIME atm>Pa atm>Pa atm[->]Pa AU⇒km AU>km AU[->]km  $\alpha XEQ$ aXEQ [alpha]XEQ bar→Pa bar>Pa bar[->]Pa β **BETA** [beta] ۲ß cBETA [cmplx][beta] Binom<sub>e</sub> Binom-p Binom[sub-p] Binom-u Binomu Binom[sub-u] Bn В" B[sub-n] В"ж Bn\* B[sub-n][super-star] Btu>J Btu⇒J Btu[->]J °C+°F C>F [degree]C[->][degree]F cal>J cal+J cal[->]J Cauch-p Cauche Cauch[sub-p] Cauch-u Caucha Cauch[sub-u]

cft+1

 $\chi^2$ 

 $\chi^2_{\rm P}$ 

cft>l

CHI2

chi2-p

cft[->]I

[chi][^2]

[chi][^2][sub-p]

 $\chi^2$ ... CHI2-u [chi][^2][sub-u] CHS +/-+/cCHS 5+/-[cmplx]+/-CL $\alpha$ CLa CL[alpha]  $CL\Sigma$ **CLSUMS** CL[SIGMA] cm>inches cm⇒inches cm[->]inches cCNST \*CNST [cmplx]CNST cCOMB \*COMB [cmplx]COMB cCONJ \*CONJ [cmplx]CONJ cCOS FCOS [cmplx]COS cCOSH \*COSH [cmplx]COSH CROOT 34 [^3][sqrt] 13.J cCROOT [cmplx][^3][sqrt] \*CROSS **cCROSS** [cmplx]CROSS cwt+k9 cwt>kg cwt[->]kg  $D \rightarrow J$ D>J D[->]J DATE> **DATE**→ DATE[->] dB>ar. dB⇒ar. dB[->]ar. dB>pr. dB⇒pr. dB[->]pr. **DBL**× DBL\* DBL[times] **ADAYS DDAYS** [DELTA]DAYS DEG+ DEG> DEG[->] °+G **DEG>GRAD** [degree][->]G **DEG>RAD** •>rad [degree][->]rad cDOT \*DOT [cmplx]DOT \*DROP cDROP [cmplx]DROP TSOFF E3OFF **TSOFF** TSON E3ON **TSON ENTER**<sub>4</sub> **ENTER** ENTER[1] **cENTER** \*ENTER [cmplx]ENTER ٤ epsilon [epsilon] ٤m epsilon-m [epsilon]m epsilon-pop εμ [epsilon][sub-p]  $e^{\times}$ **EXP** e[^x]  $\epsilon_{\alpha} \times$ cEXP [cmplx]e[^x]  $e^{\times}-1$ FXP-1 e[^x]-1 cEXP-1 \*e\*-1 [cmplx]e[^x]-1 Expone Expon-p Expon[sub-p] Exponu Expon[sub-u] Expon-u  $F_{\mathbf{F}}(\mathbf{x})$ F-p(x)F[sub-p](x) $F_{\alpha}(x)$ F-u F[sub-u](x)oF4°C F>C [degree]F[->][degree]C fathom+m fathom>m fathom[->]m **FCSTx** ŝ [x-hat] ٥ **FCSTv** [y-hat] feet→m feet>m feet[->]m

feetUS→m feetUS>m feetUS[->]m cFIB 'FIB [cmplx]FIB cFILL **FILL** [cmplx]FILL flozUK→ml flozUK>ml flozUK[->]ml flozUS>ml flozUS→ml flozUS[->]ml cFP "FP [cmplx]FP 9002 g>oz g[->]oz 9→tr.oz g>tr.oz g[->]tr.oz 9alUK→1 galUK>I galUK[->]I 9a1US→1 galUS>I galUS[->]I Γ **GAMMA** [GAMMA] ۲Ľ cGAMMA [cmplx][GAMMA] **GAMMAP**  $\Gamma_{\mathbf{F}}$ [GAMMA][sub-p]  $\Gamma_{\neg}$ **GAMMAQ** [GAMMA][sub-q] **GAMMAxy**  $\Gamma_{xx}$ [GAMMA][sub-x][sub-y] gammaxy Yxx [gamma][sub-x][sub-y] Geome Geom-p Geom[sub-p] Geoma Geom-u Geom[sub-u] **GEOMEAN** īЭ. [x-bar]g GRAD> GRAD→ GRAD[->] G→° **GRAD>DEG** G[->][degree] GRAD>RAD G⇒rad G[->]rad GTOa GT0α GTO[alpha] GUD 9. g[sub-d] <sup>6</sup>9. cGUD [cmplx]g[sub-d] ha>acres ha>acres ha[->]acres ha>acreUS ha⇒acreUS ha[->]acreUS Ha Hn H[sub-n] Hae Hnp H[sub-n][sub-p] he(E)→W hp(E)>Whp(E)[->]Whe(I)÷W hp(I)>Whp(I)[->]Whe(M)→W hp(M)>W hp(M)[->]W۲i ci [cmplx]i **IBETA**  $I_{\times}$ I[sub-x] FIDIV cIDIV [cmplx]IDIV inches>cm inches⇒cm inches[->]cm ω?: INF? [infinity]? inH9→Pa inHg>Pa inHg[->]Pa INTG Ĵ. [integral] 1/xINV 1/x 51/x cINV [cmplx]1/x Binom-1 **INV-Binom** Binom[^-1] Cauch-1 **INV-Cauch** Cauch[^-1] x2INV INV-CHI2 [chi][^2]INV Expon-1 **INV-Expon** Expon[^-1] INV-F F-1(p) F[^-1](p)

Geom-1 **INV-Geom** Geom[^-1] **INV-GUD** 94-1 g[sub-d][^-1] <sup>1</sup>9<sub>4</sub>-1 cINV-GUD [cmplx]g[sub-d][^-1] L9Nem-1 INV-LgNorm LgNrm[^-1] Logis-1 **INV-Logis** Logis[^-1] Norm1-1 **INV-NormI** Norml[^-1] Φ-1(p) INV-PHI [PHI][^-1](p) Poish-1 **INV-Pois** Pois[lambda][^-1] Poiss-1 INV-Pois2 Poiss[^-1]  $\pm -1(p)$ INV-t  $t[^-1](p)$ **М-1** INV-W W[^-1] **ч**Ы-4 cINV-W [cmplx]W[^-1] Weibl-1 **INV-Weibl** Weibl[^-1] cIP FIP. [cmplx]IP J⇒Btu J>Btu J[->]Btu J>cal J⇒cal J[->]cal J>D J÷D J[->]D J⇒kWh J>kWh J[->]kWh k9→cwt kg>cwt kg[->]cwt kg→lb kg>lb kg[->]lb kg>s.cwt k9→s.cwt kg[->]s.cwt kg>stone k9→stone kg[->]stone km>AU km→AU km[->]AU km>l.y. km→1.v. km[->]l.y. km→miles km>miles km[->]miles km⇒nmi km>nmi km[->]nmi km⇒ec km>pc km[->]pc kWh∌J kWh>J kWh[->]J l.v.→km I.y.>km I.y.[->]km I>cft 1+cft I[->]cft 1→9alUK I>galUK I[->]galUK I>galUS 1**→**9a1US I[->]galUS LOG<sub>2</sub> LB LOG[sub-2] LOG<sub>2</sub> cLB [cmplx]LOG[sub-2] lb⇒k9 lb>kg lb[->]kg 1bf→N lbf>N lbf[->]N LG LOG<sub>10</sub> LOG[sub-1][sub-0] LOG<sub>10</sub> cLG [cmplx]LOG[sub-1][sub-0] LgNorm-p L9Nrme LgNrm[sub-p] LaNema LgNrm-u LgNrm[sub-u] L Ln L[sub-n] <sup>6</sup>LN cLN [cmplx]LN cLN1+x \*LN1+x [cmplx]LN1+x LnAlpha  $L_{m} \propto$ L[sub-n][alpha] LNB **LNBETA** LN[beta] **cLNBETA** "LNB [cmplx]LN[beta]

LNC **LNGAMMA** LN[GAMMA] LNC cLNGAMMA [cmplx]LN[GAMMA] LOADE **LOADSUMS** LOAD[SIGMA] Logise Logis-p Logis[sub-p] Logisa Logis-u Logis[sub-u] LOG<sub>×</sub> **LOGx** LOG[sub-x] cLOGx \*LOG<sub>×</sub> [cmplx]LOG[sub-x] Μ× М\* M[times] M+xM+\* M+[times] M-1 M.INV M[^-1] m>fathom m⇒fathom m[->]fathom m→feet m>feet m[->]feet m>feetUS m→feetUS m[->]feetUS m>yards m⇒yards m[->]yards Ž. **MEAN** [x-bar] žω MEAN-w [x-bar]w miles⇒km miles>km miles[->]km ml>flozUK ml⇒flozUK ml[->]flozUK ml→flozUS ml>flozUS ml[->]flozUS mmH9+Pa mmHg>Pa mmHg[->]Pa MROW\* **MROW×** MROW[times] MROW+\* MROW+× MROW+[times] MROW<> MROW# MROW[<->] N+1bf N>lbf N[->]lbf nmi>km nmi⇒km nmi[->]km Norm1<sub>e</sub> NormI-p Norml[sub-p] Normla Norml-u Norml[sub-u] nΣ nSUM n[SIGMA] 0249 oz>g oz[->]g P.# 凸# [print]# [print]+[alpha] P.+a **∆**+α P.a Bα [print][alpha] P.a+  $\Delta \alpha +$ [print][alpha]+ BADV P.ADV [print]ADV **ACHR** P.CHR [print]CHR P.crect A'rxy [print][cmplx]r[sub-x][sub-y] **ADLAY** P.DLAY [print]DLAY AMODE P.MODE [print]MODE **APLOT** P.PLOT [print]PLOT **APROG** P.PROG [print]PROG P.r ۵r [print]r P.REGS **AREGS** [print]REGS **A**STK P.STK [print]STK AΣ P.SUMS [print][SIGMA]

**ATAB** 

**BWIDTH** 

P.TAB

P.WIDTH

[print]TAB

[print]WIDTH

Pa⇒atm Pa>atm Pa[->latm Pa⇒bar Pa>bar Pa[->]bar Pa>inHg Pa+inH9 Pa[->]inHg Pa>mmHg Pa+mmH9 Pa[->]mmHg Pa>psi Pa⇒psi Pa[->]psi Pa+torr Pa>torr Pa[->]torr pc>km ec⇒km pc[->]km cPERM \*PERM [cmplx]PERM  $\Phi(x)$ PHI(x)[PHI](x)  $\Phi(x)$ phi(x) [phi](x) Ы # π # [pi] Pn P<sub>m</sub> P[sub-n] Pois Poish Pois[lambda] Pois-p Poishe Pois[lambda][sub-p] Pois-u Poish Pois[lambda][sub-u] Pois2 Poiss **Poiss** Pois2-p Poisse Poiss[sub-p] Poissu Pois2-u Poiss[sub-u] pr.>dB pr.→dB pr.[->]dB **PROD** П [PI] **A**? PRT? [print]? psi⇒Pa psi>Pa psi[->]Pa  $\Phi_{\omega}(x)$ Q-u [PHI][sub-u](x) RAD→ RAD> RAD[->] rad→° RAD>DEG rad[->][degree] rad⇒G RAD>GRAD rad[->]G cRCL FRCL [cmplx]RCL RCL\* RCL× RCL[times] \*RCL× cRCL\* [cmplx]RCL[times] cRCL+ \*RCL+ [cmplx]RCL+ cRCL-\*RCL-[cmplx]RCLcRCL/ \*RCL/ [cmplx]RCL/ **RCLMAX** RCL 小 RCL[^] **RCLMIN** RCLΨ RCL[v] RΨ. **RDN** R[v]cRDN 'R# [cmplx]R[v] FROUND cROUND [cmplx]ROUND **RUP** R<sub>4</sub> R[^] የጽሑ cRUP [cmplx]R[^] s.cwt+k9 s.cwt>kg s.cwt[->]kg s.tons>t s⊾tons⇒t s.tons[->]t **SENDSUMS SEND**<sub>\(\Sigma\)</sub> SEND[SIGMA] sigma σ [sigma]  $\Sigma$ + SIGMA+ [SIGMA]+  $\Sigma -$ SIGMA-[SIGMA]-

σω

sigma-w

[sigma]w

\*SIGN cSIGN [cmplx]SIGN "SIN cSIN [cmplx]SIN \*SINC **cSINC** [cmplx]SINC \*SINH cSINH [cmplx]SINH 1 **SQRT** [sqrt] ъŢ. cSQRT [cmplx][sqrt] "STO cSTO [cmplx]STO STO\* STO× STO[times] \*STO× cSTO\* [cmplx]STO[times] cSTO+ "STO+ [cmplx]STO+ cSTO-"STO-[cmplx]STOcSTO/ "STO/ [cmplx]STO/ STO<sub>4</sub> **STOMAX** STO[^] **STOMIN** STO<sub>4</sub> STO[v] stone>kg stone→k9 stone[->]kg SUM Σ [SIGMA]  $\Sigma ln^2x$ SUMIn2x [SIGMA]In[^2]x  $\Sigma ln^2 y$ SUMIn2y [SIGMA]In[^2]y  $\Sigma lnx$ **SUMInx** [SIGMA]Inx **SUMInxy** Σlnxy [SIGMA]Inxy Σlny **SUMIny** [SIGMA]Iny **SUMx**  $\Sigma x$ [SIGMA]x  $\Sigma x^2$ SUMx2 [SIGMA]x[^2]  $\Sigma x^2y$ SUMx2y [SIGMA]x[^2]y Exlny **SUMxIny** [SIGMA]xlny **SUMxy** Σxy [SIGMA]xy ΣУ SUMy [SIGMA]y SUMy2  $\Sigma y^2$ [SIGMA]y[^2] **Eylnx** SUMylnx [SIGMA]ylnx x¥ Y **SWAP** x[<->] Yfx \$ Z cSWAP [cmplx]x[<->]Zsxy 5×Y s[sub-x][sub-y]  $t_{\mathbf{F}}(\mathbf{x})$ t-p(x) t[sub-p](x)  $t_{\omega}(x)$ t-u t[sub-u](x) 七年 t<> t[<->] t+s.tons t>s.tons t[->]s.tons t>tons t>tons t[->]tons cTAN "TAN [cmplx]TAN \*TANH cTANH [cmplx]TANH T. Tn T[sub-n] tons>t tons⇒t tons[->]t torr>Pa torr>Pa torr[->]Pa tr.oz+9 tr.oz>g tr.oz[->]g U., Un U[sub-n] \*VIEW cVIEW [cmplx]VIEW **VIEWa** VIEW« VIEW[alpha]

	,	
VWa+	VWx+	VW[alpha]+
W0	We	W[sub-p]
cW0	°We	[cmplx]W[sub-p]
W1	W <sub>m</sub> .	W[sub-m]
W>hp(E)	W→he(E)	W[->]hp(E)
W>hp(I)	W→hp(I)	W[->]hp(I)
W>hp(M)	W→he(M)	W[->]hp(M)
Weibl-p	Weible	Weibl[sub-p]
Weibl-u	Weiblu	Weibl[sub-u]
cx!	r <sub>X</sub> !	[cmplx]x!
x!=0?	 x≠0?	
		x[!=]0?
cx!=0?	°x≠0? 40	[cmplx]x[!=]0?
x!=1?	x≠1?	x[!=]1?
cx!=1?	5x≠1?	[cmplx]x[!=]1?
x!=?	x <b>≠</b> ;	x[!=]?
cx!=?	°x≠?	[cmplx]x[!=]?
cx!=i?	°x≠i?	[cmplx]x[!=]i?
x<=0?	x <b>≟0</b> ?	x[<=]0?
x<=1?	x <b>≦1</b> ?	x[<=]1?
x<=?	x <u>≠</u> ?	x[<=]?
χ<>	x <b></b>	x[<->]
CX<>	c <sub>X</sub> ‡	[cmplx]x[<->]
x<>y	x‡ Y	x[<->] Y
cx=0?	°x=0?	[cmplx]x=0?
cx=1?	<sup>e</sup> x=1?	[cmplx]x=1?
cx=?	<sup>c</sup> x=?	[cmplx]x=?
cx=i?	°x=i?	[cmplx]x=i?
x>=0?	x20?	x[>=]0?
x>=1?	x≥1?	x[>=]1?
x>=?	x <u>₹</u> 5	x[>=]?
x>a	x→α	x[->][alpha]
x^2	χ²	x[^2]
cx^2	 • <sub>X</sub> 2	[cmplx]x[^2]
x^3	χŽ	x[^3]
cx^3	c <sub>X</sub> 2	[cmplx]x[^3]
XEQa	XEQα	XEQ[alpha]
XROOT	×14	
cXROOT	e×1.∧ 4.>	[^x][sqrt]y
	xx0?	[cmplx][^x][sqrt]y
x~0?		x[approx]0?
x~1?	xx1?	x[approx]1?
x~?	x#?	x[approx]?
y<>	λŻ	y[<->]
y^x	у <sup>х</sup>	y[^x]
cy^x	tyx	[cmplx]y[^x]
yards>m	yards→m —	yards[->]m
Z<>	25	z[<->]

	_,	
cz<>	<sup>1</sup> 2\$	[cmplx]z[<->]
ZETA	3	[zeta]
	- -	
c	II .	[cmplx]
By Pretty Command		
[cmplx]#	°#	C#
# -[infinity]	#	# NEGINF
# 1/[sqrt]5	# 1/√5	# RECIP_SQRT5
# 1/[sqrt][pi]	# 1/√π	# RECIP_SQRTPI
# [alpha]	# a	# alpha
# [epsilon][sub-0]	# &o	# eps0
# [gamma][sub-p]	# Ye	# gamP
# [gamma]EM	# ΥEM	# EULER
# [h-bar]	# ħ	# hon2PI
# [infinity]	# 00	# INF
# [integral]RgB	# √R9B	# INT_R_BOUNDS
# [lambda][sub-c]	# %=	# lamC
# [lambda][sub-c][sub-n]	# Xc+	# lamCn
# [lambda][sub-c][sub-p]	# Xce	# lamCp
		# mu0
# [mu][sub-0]		# muB
# [mu][sub-B]	# Pm	
# [mu][sub-e]	# Pt	# muE
# [mu][sub-mu]	# Hr	# mumu
# [mu][sub-n]	# 4-	# mun
# [mu][sub-p]	# PF	# muP
# [mu][sub-u]	# 4"	# mu_u
# [omega]	# ω ·	# WGS_OMEGA
# [PHI]	# Ф	# PHI
# [PHI][sub-0]	# Фо	# phi0
# [pi]	# π	PI
# [pi]/2	# π/2	# Plon2
# [sigma][sub-B]	# <b>6</b>	# sigma
# [sqrt]2[pi]	# √2π	# SQRT_2_PI
# a[sub-0]	# ao	# a0
# a[sub-m]	# a	# SM_luna
# a[terra]	# a#	# SM_terra
# c[sub-1]	# C1	# C1
# c[sub-1] # c[sub-2]		# C2
# C[Sub-2] # F[alpha]	# c2 # Fα	# F_alpha
- · -	# Få	
# F[delta]		# F_delta
# G[sub-0]	# G.	# Go
# G[sub-c]	# Ge	# catalan
# g[sub-e]	# 9e	# Ge
# L10[^-1]	# L10-1	# RECIPLN10
# I[sub-p]	# l=	# PlanckL
# LN2[^-1]	# LN2-1	# RECIPLN2

# M[sol]	# Mo	# M_sol
# m[sub-e]	# Me	# me
# M[sub-m]	# M <sub>m</sub> .	# M_luna
# m[sub-mu]	# Mr	# mMu
# m[sub-n]	# Mm	# mn
# m[sub-p]	# Me	# mp
# M[sub-p]	# Me	# PlanckM
# m[sub-u]	# Mw	# mu
# m[sub-u]c[^2]	# muc <sup>2</sup>	# muc2
# M[terra]	# Me	# M_terra
# N[sub-A]	# N <sub>*</sub>	# Na
# p[sub-0]	# Po	# atm
# q[sub-p]	# 9=	# PlanckQ
#R[sol]	# R0	# R_sol
# r[sub-e]	# re	# Re
# R[sub-infinity]	# R∞	# Rinf
#R[sub-k]	# Rx	# Rk
# R[sub-m]	# R	# R_luna
# R[terra]	# Re	# R_terra
# Se'[^2]	# Se'2	# WGS_ES2
# Se[^2]	# Se <sup>2</sup>	# WGS_E2
# Sf[^-1]	# Sf-1	# WGS_F
# T[sub-0]	# To	# t
# T[sub-p]	# T <sub>F</sub>	# PlanckTh
# t[sub-p]	# te	# tp
# V[sub-m]	# Vm	# Vm
# Z[sub-0]	# Z <sub>0</sub>	# Zo
%[SIGMA]	%Σ	%SUM
(-1)[^x]	(-1)×	(-1)^x
[cmplx](-1)[^x]	<sup>c</sup> (−1)×	c(-1)^x
[cmplx]+	<sup>c</sup> +	C+
[cmplx]+/-	*+/-	C+/-
+/-	+/-	CHS
[cmplx]+/-	*+/-	cCHS
[cmplx]-	<b>-</b>	C-
[cmplx]/	9	c/
1/x	1/x	INV
[cmplx]1/x	*1/x	cINV
10[^x]	10×	10^x
[cmplx]10[^x]	*10×	c10^x
2[^x]	2×	2^x
[cmplx]2[^x]	*2×	c2^x
[->]DATE	→DATE	>DATE
[->]DEG	→DEG	>DEG
[->]GRAD	→GRAD	>GRAD
. 10	·	J. J .D

→H.MS [->]H.MS >H.MS →HR >HR [->]HR →POL [->]POL >POL →RAD [->]RAD >RAD →REC [->]REC >REC <del></del> [<->] <> 34 [^3][sqrt] **CROOT** 15.F2 [cmplx][^3][sqrt] cCROOT ×Ты **XROOT** [^x][sqrt]y e×√> **cXROOT** [cmplx][^x][sqrt]y [alpha][->]x α÷x a>x [alpha]DATE aDATE  $\alpha DAY$ aDAY [alpha]DAY  $\alpha$ GTO [alpha]GTO aGTO  $\alpha$ IP [alpha]IP alP αLENG. aLENG [alpha]LENG &MONTH. [alpha]MONTH aMONTH αOFF [alpha]OFF aOFF αON [alpha]ON aON αRC# [alpha]RC# aRC#  $\alpha RCL$ aRCL [alpha]RCL  $\alpha RL$ aRL [alpha]RL ∝RR. aRR [alpha]RR αSL [alpha]SL aSL  $\alpha$ SR aSR [alpha]SR αSTO [alpha]STO aSTO  $\alpha TIME$ [alpha]TIME aTIME  $\alpha XEQ$ aXEQ [alpha]XEQ β **BETA** [beta] ß٩ [cmplx][beta] **cBETA**  $\chi^2$ CHI2 [chi][^2]  $\chi_{-}^2$ [chi][^2][sub-p] chi2-p  $\chi^2\omega$ [chi][^2][sub-u] CHI2-u X2INV [chi][^2]INV **INV-CHI2** °+G [degree][->]G **DEG>GRAD** °→rad **DEG>RAD** [degree][->]rad °C→°F C>F [degree]C[->][degree]F °F→°C F>C [degree]F[->][degree]C [DELTA]% Δ%. %CH **ADAYS** [DELTA]DAYS **DDAYS** ٤ [epsilon] epsilon S۳ [epsilon][sub-p] epsilon-pop ٤m [epsilon]m epsilon-m [GAMMA] Γ **GAMMA** ٩r [cmplx][GAMMA] cGAMMA Ге [GAMMA][sub-p] **GAMMAP** [GAMMA][sub-q] Г¬ **GAMMAQ** 

Txx [gamma][sub-x][sub-y] gammaxy  $\Gamma_{xx}$ [GAMMA][sub-x][sub-y] **GAMMAxy** ω? INF? [infinity]? Ĵ. INTG [integral]  $\Phi(x)$ [PHI](x) PHI(x) $\Phi(x)$ [phi](x) phi(x)  $\Phi^{-1}(p)$ [PHI][^-1](p) **INV-PHI**  $\Phi_{\omega}(x)$ [PHI][sub-u](x) Q-u П **PROD** [PI] ₽# P.# [print]# **∆**+α P.+a [print]+[alpha] <u> 6</u>? PRT? [print]? Δœ [print][alpha] P.a **∆**α+ P.a+ [print][alpha]+  $[print][cmplx]r[sub-x][sub-y] \triangleq {}^{\mathbf{r}} \times \mathbf{r}$ P.crect ÐΣ P.SUMS [print][SIGMA] BADV P.ADV [print]ADV **ACHR** [print]CHR P.CHR **ADLAY** P.DLAY [print]DLAY AMODE [print]MODE P.MODE **APLOT** [print]PLOT P.PLOT **APROG** P.PROG [print]PROG ۵r [print]r P.r **AREGS** [print]REGS P.REGS **A**STK [print]STK P.STK **ATAB** [print]TAB P.TAB HTCIWA P.WIDTH [print]WIDTH [sigma] σ sigma Σ [SIGMA] SUM  $\Sigma$ + SIGMA+ [SIGMA]+  $\Sigma -$ SIGMA-[SIGMA]- $\Sigma ln^2x$ [SIGMA]In[^2]x SUMIn2x  $\Sigma ln^2 \nu$ SUMIn2y [SIGMA]In[^2]y  $\Sigma lnx$ [SIGMA]Inx **SUMInx** [SIGMA]Inxy Σlnxy **SUMInxy** Σlny [SIGMA]Iny **SUMIny** σω [sigma]w sigma-w Σx [SIGMA]x **SUMx**  $\Sigma x^2$ [SIGMA]x[^2] SUMx2  $\Sigma x^2 y$ SUMx2y [SIGMA]x[^2]y Exlny [SIGMA]xlny SUMxIny Σху [SIGMA]xy **SUMxy** Σу [SIGMA]y SUMy  $\Sigma y^2$ [SIGMA]y[^2] SUMy2  $\Sigma y lnx$ [SIGMA]ylnx SUMylnx 1 [sqrt] **SQRT** 

٠.۲ [cmplx][sqrt] cSQRT [times] ×  $\mathbf{E}_{\mathbf{X}}$ c\* [cmplx][times] \*MOD [times]MOD ž [x-bar] **MEAN** žЭ. **GEOMEAN** [x-bar]g žω MEAN-w [x-bar]w ŝ **FCSTx** [x-hat] Ŷ [y-hat] **FCSTy** 3 [zeta] ZETA FABS cABS [cmplx]ABS FACOS cACOS [cmplx]ACOS FACOSH [cmplx]ACOSH cACOSH acres[->]ha acres⇒ha. acres>ha acreUS⇒ha acreUS>ha acreUS[->]ha FAGM [cmplx]AGM cAGM ar.→dB ar.[->]dB ar.>dB FASIN [cmplx]ASIN **cASIN** [cmplx]ASINH \*ASINH **cASINH** FATAN cATAN [cmplx]ATAN [cmplx]ATANH FATANH **CATANH** atm[->]Pa atm→Pa atm>Pa AU[->]km AU⇒km AU>km B[sub-n] В., Bn B<sub>n</sub>\*\* B[sub-n][super-star] Bn\* bar[->]Pa bar→Pa bar>Pa Binom-1 Binom[^-1] **INV-Binom** Binome Binom[sub-p] Binom-p Binomu Binom[sub-u] Binom-u Btu⇒J Btu[->]J Btu>J cal+J cal[->]J cal>J Cauch[^-1] Cauch-1 **INV-Cauch** Cauch[sub-p] Cauche Cauch-p Caucha Cauch[sub-u] Cauch-u cft→1 cft>I cft[->]I CL[alpha] CL $\alpha$ CLa  $CL\Sigma$ **CLSUMS** CL[SIGMA] cm[->]inches cm⇒inches cm>inches \*CNST [cmplx]CNST cCNST \*COMB [cmplx]COMB cCOMB [cmplx]CONJ \*CONJ cCONJ FCOS [cmplx]COS cCOS \*COSH cCOSH [cmplx]COSH [cmplx]CROSS \*CROSS **cCROSS** cwt+k9 cwt[->]kg cwt>kg  $D \rightarrow J$ D[->]J D>J

**DATE**→ DATE[->] DATE> dB[->]ar. dB⇒ar. dB>ar. dB[->]pr. dB⇒pr. dB>pr. **DBL**× DBL[times] DBL\* DEG+ DEG> DEG[->] TOG [cmplx]DOT cDOT \*DROP [cmplx]DROP cDROP  $e^{\times}$ e[^x] **EXP** ce×. [cmplx]e[^x] cEXP  $e^{\times}-1$ e[^x]-1 EXP-1 \*e\*-1 [cmplx]e[^x]-1 cEXP-1 [cmplx]ENTER \*ENTER **cENTER ENTER**<sub>4</sub> ENTER[^] **ENTER** Expon-1 Expon[^-1] **INV-Expon** Expon[sub-p] Expone Expon-p Exponu Expon[sub-u] Expon-u F-1(p) INV-F  $F[^-1](p)$  $F_{\bullet}(x)$ F[sub-p](x)F-p(x) $F_{\alpha}(x)$ F[sub-u](x) F-u fathom⇒m fathom>m fathom[->]m feet⇒m feet[->]m feet>m feetUS[->]m feetUS⇒mi feetUS>m [cmplx]FIB 'FIB cFIB [cmplx]FILL 'FILL cFILL flozUK[->]ml flozUK⇒ml flozUK>ml flozUS[->]ml flozUS→ml flozUS>ml "FP [cmplx]FP cFP G[->][degree] G→° GRAD>DEG g[->]oz 9<del>)</del>02 g>oz G⇒rad G[->]rad GRAD>RAD g[->]tr.oz 9→tr.oz g>tr.oz g[sub-d] 9. **GUD** <sup>6</sup>94 cGUD [cmplx]g[sub-d] 94-1 **INV-GUD** g[sub-d][^-1] <sup>6</sup>9<sub>4</sub>-1 [cmplx]g[sub-d][^-1] cINV-GUD 9alUK→1 galUK[->]l galUK>l 9a1US→1 galUS>I galUS[->]I Geom-1 Geom[^-1] **INV-Geom** Geome Geom[sub-p] Geom-p Geom[sub-u] Geoma Geom-u GRAD→ GRAD> GRAD[->] GT0α GTOa GTO[alpha] Ha Hn H[sub-n] Hae H[sub-n][sub-p] Hnp ha[->]acres ha>acres ha>acres ha⇒acreUS ha[->]acreUS ha>acreUS

he(E)∌W hp(E)[->]Whp(E)>Whp(I)→W hp(I)[->]Whp(I)>W hp(M)[->]Whe(M)→W hp(M)>W۲i [cmplx]i ci I[sub-x]  $I_{\times}$ **IBETA** [cmplx]IDIV FIDIV cIDIV inches⇒cm inches>cm inches[->]cm inHg[->]Pa inH9→Pa inHg>Pa "IP [cmplx]IP cIP J⇒Btu J[->]Btu J>Btu J⇒cal J>cal J[->]cal J[->]D J∌D J>D J[->]kWh J∌kWhi J>kWh k9→cwt kg[->]cwt kg>cwt k9+1b kg[->]lb kg>lb kg[->]s.cwt k9→s.cwt kg>s.cwt k9→stone kg[->]stone kg>stone km→AU km>AU km[->]AU km[->]l.y. km→l.v. km>l.y. km[->]miles km→miles km>miles km⇒nmi km>nmi km[->]nmi km[->]pc km⇒ec km>pc kWh[->]J kWh⇒J kWh>J I.y.[->]km l.y.⇒km I.y.>km 1+cft I>cft I[->]cft 1⇒9alUK I[->]galUK I>galUK 1**→**9a1US I>galUS I[->]galUS L[sub-n] L Ln L[sub-n][alpha]  $L_{n} \propto$ LnAlpha lb⇒k9 lb[->]kg lb>kg 1bf→N lbf>N lbf[->]N L9Nem-1 LgNrm[^-1] INV-LgNorm L9Nrm<sub>e</sub> LgNrm[sub-p] LgNorm-p LaNema LgNrm[sub-u] LgNrm-u <sup>6</sup>LN [cmplx]LN cLN \*LN1+x [cmplx]LN1+x cLN1+x LNB **LNBETA** LN[beta] "LNB [cmplx]LN[beta] **cLNBETA** LNC LN[GAMMA] LNGAMMA [cmplx]LN[GAMMA] LNC cLNGAMMA LOADE LOAD[SIGMA] **LOADSUMS** LOG[sub-1][sub-0] LOG<sub>10</sub> LG [cmplx]LOG[sub-1][sub-0] LOG10 cLG LOG[sub-2] LOG<sub>2</sub> LB LOG2 [cmplx]LOG[sub-2] cLB LOG[sub-x] LOGx LOGx

\*LOGx cLOGx [cmplx]LOG[sub-x] Logis-1 **INV-Logis** Logis[^-1] Logis[sub-p] Logise Logis-p Logisa Logis[sub-u] Logis-u M+× M+\* M+[times] m⇒fathom m>fathom m[->]fathom m→feet m>feet m[->]feet m⇒feetUS m[->]feetUS m>feetUS m[->]yards m⇒yards m>yards M-1 M[^-1] M.INV Μ× M[times] M\* miles⇒km miles>km miles[->]km ml⇒flozUK ml>flozUK ml[->]flozUK ml→flozUS ml>flozUS ml[->]flozUS mmHg[->]Pa mmH9+Pa mmHg>Pa MROW+× MROW+[times] MROW+\* MROW[<->] MROW# MROW<> MROW× MROW[times] MROW\* N→1bf N>lbf N[->]lbfnΣ n[SIGMA] nSUM nmi⇒km nmi[->]km nmi>km Norm1-1 Norml[^-1] **INV-NormI** Normle Norml[sub-p] NormI-p Normla Norml-u Norml[sub-u] oz[->]g 02+9 oz>g P<sub>n</sub> P[sub-n] Pn Pa+atm Pa[->]atm Pa>atm Pa⇒bar Pa[->]bar Pa>bar Pa+inH9 Pa[->]inHg Pa>inHg Pa→mmH9 Pa[->]mmHg Pa>mmHg Pa[->]psi Pa<del>></del>psi Pa>psi Pa+torr Pa>torr Pa[->]torr pc[->]km ec⇒km pc>km \*PERM [cmplx]PERM **cPERM** Poisk Pois[lambda] Pois Pois  $\lambda^{-1}$ Pois[lambda][^-1] **INV-Pois** Poishe Pois[lambda][sub-p] Pois-p Pois[lambda][sub-u] Poish Pois-u **Poiss** Poiss Pois2 Poiss[^-1] INV-Pois2 Poiss-1 Poiss[sub-p] Poisse Pois2-p Poiss[sub-u] Poissu Pois2-u pr.→dB pr.>dB pr.[->]dB psi→Pa psi[->]Pa psi>Pa R4 R[^] RUP 'Rተ [cmplx]R[^] cRUP RΨ RDN R[v]

FR4 cRDN [cmplx]R[v] RAD→ RAD> RAD[->] rad→° rad[->][degree] RAD>DEG rad⇒G RAD>GRAD rad[->]G FRCL cRCL [cmplx]RCL \*RCL+ cRCL+ [cmplx]RCL+ \*RCL-[cmplx]RCLcRCL-\*RCL/ [cmplx]RCL/ cRCL/ RCL 小 **RCLMAX** RCL[^] RCL× RCL\* RCL[times] [cmplx]RCL[times] \*RCL× cRCL\* RCL 4 **RCLMIN** RCL[v] FROUND [cmplx]ROUND cROUND s.cwt+k9 s.cwt[->]kg s.cwt>kg s.tons⇒t s.tons[->]t s.tons>t s[sub-x][sub-y] Sxy sxy SEND[SIGMA] SENDX. **SENDSUMS** [cmplx]SIGN \*SIGN cSIGN [cmplx]SIN "SIN cSIN [cmplx]SINC \*SINC **cSINC** [cmplx]SINH \*SINH cSINH "STO cSTO [cmplx]STO "STO+ cSTO+ [cmplx]STO+ "STO-[cmplx]STOcSTO-"STO/ cSTO/ [cmplx]STO/ STOか STO[^] **STOMAX** STO× STO\* STO[times] \*STO× [cmplx]STO[times] cSTO\* STO<sub>4</sub> STO[v] **STOMIN** stone→k9 stone[->]kg stone>kg t>s.tons t[->]s.tons t>s.tons t+tons t[->]tons t>tons t[<->] 七二 t<> t-1(p) INV-t t[^-1](p) T. T[sub-n] Tn  $t_{\mu}(x)$ t[sub-p](x)t-p(x) $t_a(x)$ t-u t[sub-u](x) "TAN [cmplx]TAN cTAN \*TANH [cmplx]TANH cTANH tons⇒t tons>t tons[->]t torr→Pa torr>Pa torr[->]Pa tr.oz[->]g tr.oz+9 tr.oz>g **TSOFF TSOFF** E3OFF TSON TSON E3ON U[sub-n] U<sub>m</sub> Un

**"VIEW** cVIEW [cmplx]VIEW VIEW« VIEW[alpha] **VIEWa** VWa+ VW[alpha]+ VWa+ W[->]hp(E)W⇒he(E). W>hp(E) W⇒he(I) W[->]hp(I)W>hp(I) W[->]hp(M)W⇒he(M) W>hp(M) **Ы-1** W[^-1] **INV-W** QJ-1 cINV-W [cmplx]W[^-1] W[sub-m] Mж. W1 Mе W0 W[sub-p] "We [cmplx]W[sub-p] cW0 Weibl[^-1] Weibl-1 **INV-Weibl** Weible Weibl[sub-p] Weibl-p Weibl[sub-u] Weibla Weibl-u [cmplx]x!  $\mathbf{c}_{\mathbf{X}^{\mathbf{I}}}$ cx! [cmplx]x=0? \*x=0? cx=0?  $^{c}x=1?$ cx=1? [cmplx]x=1?[cmplx]x=? x=?cx=? x=i? cx=i? [cmplx]x=i? x≠0? x!=0?x[!=]0?\*x≠8? cx!=0? [cmplx]x[!=]0? x≠1? x[!=]1? x!=1? <sup>6</sup>x≠1? cx!=1? [cmplx]x[!=]1? x≠? x!=? x[!=]?<sup>6</sup>x≠? [cmplx]x[!=]? cx!=? <sup>c</sup>x≠i? cx!=i? [cmplx]x[!=]i? x[->][alpha] х÷ос x>a χŞ x[<->] χ<> c<sub>X</sub>\$ [cmplx]x[<->] cx<> x# Y x[<->] Y**SWAP** x# Y x[<->] Yx<>y °x⊈ Z cSWAP [cmplx]x[<->] Zx**±**0? x<=0? x[<=]0?x**≤**1? x[<=]1?x<=1? x**≟**? x[<=]?x<=? x≥0? x[>=]0?x > = 0? x**≥**1? x[>=]1?x>=1? x≥?. x[>=]?x>=?  $\mathbf{x}^{\mathbf{z}}$ x^2 x[^2]  $\mathbf{c}_{\mathbf{X}}\mathbf{z}$ [cmplx]x[^2] cx^2  $\chi \Delta$ x^3 x[^3]  $\epsilon_{\chi}$ 3.  $[cmplx]x[^3]$ cx^3 x20? x~0? x[approx]0? x#1? x~1? x[approx]1? x#? x~? x[approx]?

XEQα XEQa XEQ[alpha] у\$ y[<->] y<>  $\mathbf{y}^{\mathbf{x}}$ y^x y[^x] r<sub>y</sub>x [cmplx]y[^x] cy^x yards⇒m yards[->]m yards>m z[<->] 25 z<> 522 [cmplx]z[<->] cz<> 떼 [cmplx]|| c||

# Alpha Characters

Character	Full Name
X	[x-bar]
<u> </u>	[y-bar]
1	[sqrt]
ſ	[integral]
	[degree]
	[narrow-space]
G	[grad]
± ≤ ≥ ≠ € +	[+/-]
<del>∠</del>	[<=]
<del>7</del>	[>=]
<b>≠</b>	[!=]
€	[euro]
<b>→</b>	[->]
	[<-]
Ψ	[v]
ተ	[^]
f	[f-shift]
9	[g-shift]
h	[h-shift]
С	[cmplx]
Ø	[O-slash]
ø	[o-slash]
<b></b>	[<->]
β	[SZ]
× .	[x-hat]
Ŷ	[y-hat]
т.	[sub-m]
×	[times]
<i>w</i>	[approx]
£	[pound]
¥	[yen]
	[space]