DM_Plot LaTex Commands Summary

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Commands		Hershey Font	True Type Font
\AA	Å	✔	✔
\alpha	α	✔	✔
\angle	$\angle$	✔	✔
\approx	≈		✔
\backslash	\	✔	✔
\bar	¯ such as Ā		✔†
\beta	β	✔	✔
\bigcap	$\cap$	✔	✔
\bigcup	$\cup$	✔	✔
\box	□	✔	✔*
\boxcheck	☑	✔	✔*
\boxtimes	☒	✔	✔*
\checkmark	✔	✔	✔*
\chi	χ	✔	✔
\circledone	①		✔*
\circledtwo	②		✔*
\circledthree	③		✔*
\circledfour	④		✔*
\circledfive	⑤		✔*
\circledsix	⑥		✔*
\circledseven	⑦		✔*
\circledeight	⑧		✔*
\circlednine	⑨		✔*
\circledten	⑩		✔*
\cong	≅		✔
\copyright	©		✔
\deg	°	✔	✔
\delta	δ	✔	✔
\Delta	Δ	✔	✔
\div	÷	✔	✔
\downarrow	↓	✔	✔
\Downarrow	⇓		✔
\eacute	é	✔	✔
\epsilon	ε	✔	✔
\equiv	≡	✔	✔
\eta	η	✔	✔
\euro	€		✔*
\female	♀	✔	✔*
\fiveeighths	⅝		✔*
\fivesixths	⅚		✔*

\fourfifths	⅘		✔*
\gamma	γ	✔	✔
\Gamma	Γ	✔	✔
\geq	$\geq$	✔	✔
\gg	$\gg$		✔*
\hbar	$\hbar$		✔*
\HW	$\hbar\omega$	✔	✔
\in	$\in$	✔	✔
\infty	∞	✔	✔
\int	$\int$	✔	✔
\Int	$\int$ (larger than \int)	✔	
\iota	ι	✔	✔
\Itilde	$\tilde{\mathrm{I}}$	✔	✔
\kappa	κ	✔	✔
\lambda	λ	✔	✔
\Lambda	Λ	✔	✔
\leftarrow	$\leftarrow$	✔	✔
\Leftarrow	$\Leftarrow$		✔
\leftrightarrow	$\leftrightarrow$		✔
\Leftrightarrow	$\Leftrightarrow$		✔
\leq	$\leq$	✔	✔
\ll	$\ll$		✔*
\male	♂	✔	✔*
\mu	μ	✔	✔
\neq	$\neq$	✔	✔
\notin	$\notin$		✔
\nsubset	$\not\subset$		✔
\nsupset	$\not\supset$		✔*
\nu	ν	✔	✔
\oint	$\oint$	✔	✔*
\omega	ω	✔	✔
\Omega	Ω	✔	✔
\oneeighth	⅛		✔*
\onefifth	⅕		✔*
\onehalf	½		✔
\oneninth	⅑		✔*
\onequarter	¼		✔
\oneseventh	⅐		✔*
\onesixth	⅙		✔*
\onetenth	⅒		✔*
\onethird	⅓		✔*
\partial	∂	✔	✔
\permil	‰		✔
\perp	$\perp$	✔	✔

\phi	ϕ	✔	✔
\Phi	Φ	✔	✔
\pi	π	✔	✔
\Pi	Π	✔	✔
\pm	±	✔	✔
\pound	£		✔*
\propto	∝	✔	✔
\psi	ψ	✔	✔
\Psi	Ψ	✔	✔
\registered	®		✔
\rho	ρ	✔	✔
\rightarrow	→	✔	✔
\Rightarrow	⇒		✔
\seveneighths	⅞		✔*
\sim	~	✔	✔
\sigma	σ	✔	✔
\Sigma	Σ	✔	✔
\subset	⊂	✔	✔
\subseteq	⊆		✔
\supset	⊃	✔	✔
\supseteq	⊇		✔
\tau	τ	✔	✔
\theta	θ	✔	✔
\Theta	Θ	✔	✔
\threeeighths	⅜		✔*
\threefifths	⅗		✔*
\threequarters	¾		✔
\times	×	✔	✔
\twofifths	⅖		✔*
\twothirds	⅔		✔*
\uparrow	↑	✔	✔
\Uparrow	⇑		✔
\upsilon	υ	✔	✔
\varphi	φ	✔	✔
\varpi	ϖ		✔
\vectora - \vectorz	arrow above letter	✔	✔
\vectorA - \vectorZ	arrow above letter	✔	✔
\xi	ξ	✔	✔
\Xi	Ξ	✔	✔
\yen	¥		✔*
\zeta	ζ	✔	✔

* Employing DejaVu Sans font, available in IDL 8.2 and later versions.
† Not available for DejaVu Sans font.

IDL Embedded Commands‡:

Command	Action
!A	Shift above the division line.
!B	Shift below the division line.
!C	Carriage return.
!D	Shift down to the first level subscript and decrease the character size by a factor of 0.62.
!E	Shift up to the exponent level and decrease the character size by a factor of 0.44.
!I	Shift down to the index level and decrease the character size by a factor of 0.44.
!L	Shift down to the second level subscript and decrease the character size by a factor of 0.62.
!N	Shift back to the normal level and original character size.
!R	Restore position. The current position is set from the top of the saved positions stack.
!S	Save position. The current position is saved on the top of the saved positions stack.
!U	Shift to upper subscript level and decrease the character size by a factor of 0.62.
!X	Return to the entry font.
!Z(u_0,u_1,…,u_n)	Display characters by the unicode value. Each u_i within the parentheses will be interpreted as a 16-bit hexadecimal unicode value.
!3	Switch to Simplex Roman(Hershey) or Helvetica(TrueType).
!4	Switch to Simplex Greek(Hershey) or Helvetica Bold(TrueType).
!5	Switch to Duplex Roman(Hershey) or Helvetica Italic(TrueType).
!6	Switch to Complex Roman(Hershey) or Helvetica Bold Italic(TrueType).
!7	Switch to Complex Greek(Hershey) or Times(TrueType).
!8	Switch to Complex Italic(Hershey) or Times Italic(TrueType).
!9	Switch to math(Hershey) or Symbol(TrueType).
!10	Switch to Symbol before IDL8.2 or DejaVu Sans after IDL 8.2(TrueType).
!11(!G)	Switch to Gothic English(Hershey) or Courier(TrueType).
!12(!W)	Switch to Simplex Script(Hershey) or Courier Italic(TrueType).
!13	Switch to Complex Script(Hershey) or Courier Bold(TrueType).
!14	Switch to Gothic Italian(Hershey) or Courier Bold Italic(TrueType).
!15	Switch to Gothic German(Hershey) or Times Bold(TrueType).
!16	Switch to Cyrillic(Hershey) or Times Bold Italic(TrueType).
!!	Display the ! symbol.

‡ Check IDL reference guide for a complete list.