LaTeX math mode commands and corresponding Unicode characters

name clashes

Commands that produce different symbols with different math packages. Depending on the package implementation, either the last package "wins" or throws an error.
Used packages: `amssymb, amsmath, mathabx, stmaryrd, wasysym`.
Due to (8-bit) TeX's limitation to 16 math alphabets and conflicts between some packages, not all symbols can accessed simultaneously. [*na*] in the math symbol column indicates that the symbol is not available with the currently selected packages.

Command	No.	Text	Math	Category	Requirements	Comments
\Delta	00394	Δ	Δ	mathalpha	-slantedGreek	= \Delta (-literal), = \mathrm{\Delta}, capital delta, greek
\Delta	1D6E5	𝛥	𝛥	mathalpha	slantedGreek	= \mathit{\Delta} (-fourier), = \varDelta (amsmath fourier), MATHEMATICAL ITALIC CAPITAL D
\Gamma	00393	Γ	Γ	mathalpha	-slantedGreek	= \Gamma (-literal), = \mathrm{\Gamma}, capital gamma, greek
\Gamma	1D6E4	𝛤	𝛤	mathalpha	slantedGreek	= \mathit{\Gamma} (-fourier), = \varGamma (amsmath fourier), MATHEMATICAL ITALIC CAPIT
\Koppa	003D8	Ϙ	[na]	mathord	wrisym	= \Qoppa (arevmath), t \Qoppa (LGR), GREEK LETTER ARCHAIC KOPPA
\Koppa	003DE	𝛞	[na]	mathalpha	arevmath	capital koppa
\Lambda	0039B	Λ	Λ	mathalpha	-slantedGreek	= \Lambda (-literal), = \mathrm{\Lambda}, capital lambda, greek
\Lambda	1D6EC	𝛬	𝛬	mathalpha	slantedGreek	= \mathit{\Lambda} (-fourier), = \varLambda (amsmath fourier), mathematical italic capital lambda
\Omega	003A9	Ω	Ω	mathalpha	-slantedGreek	= \Omega (-literal), = \mathrm{\Omega}, capital omega, greek
\Omega	1D6FA	𝛺	𝛺	mathalpha	slantedGreek	= \mathit{\Omega} (-fourier), = \varOmega (amsmath fourier), MATHEMATICAL ITALIC CAPITA
\Phi	003A6	Φ	Φ	mathalpha	-slantedGreek	= \Phi (-literal), = \mathrm{\Phi}, capital phi, greek
\Phi	1D6F7	𝛷	𝛷	mathalpha	slantedGreek	= \mathit{\Phi} (-fourier), = \varPhi (amsmath fourier), MATHEMATICAL ITALIC CAPITAL PHI
\Pi	003A0	Π	Π	mathalpha	-slantedGreek	= \Pi (-literal), = \mathrm{\Pi}, capital pi, greek
\Pi	1D6F1	𝛱	𝛱	mathalpha	slantedGreek	= \mathit{\Pi} (-fourier), = \varPi (amsmath fourier), MATHEMATICAL ITALIC CAPITAL PI
\Psi	003A8	Ψ	Ψ	mathalpha	-slantedGreek	= \Psi (-literal), = \mathrm{\Psi}, capital psi, greek
\Psi	1D6F9	𝛹	𝛹	mathalpha	slantedGreek	= \mathit{\Psi} (-fourier), = \varPsi (amsmath fourier), MATHEMATICAL ITALIC CAPITAL PSI
\Sigma	003A3	Σ	Σ	mathalpha	-slantedGreek	= \Sigma (-literal), = \mathrm{\Sigma}, capital sigma, greek
\Sigma	1D6F4	𝛴	𝛴	mathalpha	slantedGreek	= \mathit{\Sigma} (-fourier), = \varSigma (amsmath fourier), MATHEMATICAL ITALIC CAPITAL
\Theta	00398	Θ	Θ	mathalpha	-slantedGreek	= \Theta (-literal), = \mathrm{\Theta}, capital theta, greek
\Theta	1D6E9	𝛩	𝛩	mathalpha	slantedGreek	= \mathit{\Theta} (-fourier), = \varTheta (amsmath fourier), MATHEMATICAL ITALIC CAPITAL T
\Upsilon	003A5	Υ	Υ	mathalpha	-slantedGreek	= \Upsilon (-literal), = \mathrm{\Upsilon}, capital upsilon, greek
\Upsilon	1D6F6	𝛶	𝛶	mathalpha	slantedGreek	= \mathit{\Upsilon} (-fourier), = \varUpsilon (amsmath fourier), MATHEMATICAL ITALIC CAPIT
\Xi	0039E	Ξ	Ξ	mathalpha	-slantedGreek	= \Xi (-literal), = \mathrm{\Xi}, capital xi, greek
\Xi	1D6EF	𝛯	𝛯	mathalpha	slantedGreek	= \mathit{\Xi} (-fourier), = \varXi (amsmath fourier), MATHEMATICAL ITALIC CAPITAL XI
\blacksquare	025FC	■	■	mathord	amssymb -fourier	BLACK MEDIUM SQUARE
\blacksquare	02B1B	⬛	[na]	mathord	fourier -amssymb	BLACK LARGE SQUARE
\blacktriangleleft	025C0	◀	◀	mathbin	fourier -mathabx	= \LHD (wasysym), (large) left triangle, filled
\blacktriangleleft	025C2	◂	◂	mathbin	mathabx -fourier	left triangle, filled
\blacktriangleright	025B6	▶	▶	mathbin	fourier -mathabx	= \RHD (wasysym), (large) right triangle, filled
\blacktriangleright	025B8	▸	▸	mathbin	mathabx -fourier	right triangle, filled

Command	No.	Text	Math	Category	Requirements	Comments
\digamma	003DC	F	F	mathalpha	amssymb -wrisym	= \Digamma (wrisym), capital digamma
\digamma	003DD	ϝ	[na]	mathalpha	arevmath wrisym -amssymb	GREEK SMALL LETTER DIGAMMA
\dot	00307	ẋ	$\dot{x}$	mathaccent	-oz	= \Dot (wrisym), dot above
\dot	02981	●	[na]	mathord	oz	= \spot (oz), Z NOTATION SPOT
\eqcolon	02239	−:	$(-:)$	mathrel	txfonts -mathabx	# -: ,EXCESS
\eqcolon	02255	=:	$=:$	mathrel	mathabx -txfonts	= \eqqcolon (txfonts), # =:, equals, colon
\ggg	022D9	⋙	[na]	mathrel	amssymb -mathabx	triple greater-than
\ggg	02AA2	⪢	$\gg$	mathrel	mathabx -amssymb	= \NestedGreaterGreater (wrisym), DOUBLE NESTED GREATER-THAN
\koppa	003D9	ϙ	[na]	mathord	wrisym	= \qoppa (arevmath), t \qoppa (LGR), GREEK SMALL LETTER ARCHAIC KOPPA
\koppa	003DF	ϟ	[na]	mathalpha	arevmath	GREEK SMALL LETTER KOPPA
\lbag	027C5	⟅	$\lbag$	mathopen	stmaryrd -oz	= \Lbag (stmaryrd txfonts), LEFT S-SHAPED BAG DELIMITER
\lbag	027E6	⟦	$[\![$	mathopen	oz -stmaryrd	= \llbracket (stmaryrd wrisym kpfonts fourier), = \Lbrack (mathbbol), MATHEMATICAL LEFT WH
\leftrightarrow	02194	↔	$\leftrightarrow$	mathrel	-wrisym	= \rel (oz), LEFT RIGHT ARROW, z notation relation
\leftrightarrow	021C6	⇆	$\leftrightarrows$	mathrel	wrisym	= \leftrightarrows (amssymb), left arrow over right arrow
\lll	022D8	⋘	[na]	mathrel	amssymb -mathabx	triple less-than
\lll	02AA1	⪡	$\ll$	mathrel	mathabx -amssymb	= \NestedLessLess (wrisym), DOUBLE NESTED LESS-THAN
\rbag	027C6	⟆	$\rbag$	mathclose	stmaryrd -oz	= \Rbag (stmaryrd txfonts), RIGHT S-SHAPED BAG DELIMITER
\rbag	027E7	⟧	$[\![$	mathclose	oz -stmaryrd	= \rrbracket (stmaryrd wrisym kpfonts fourier), = \Rbrack (mathbbol), MATHEMATICAL RIGHT W
\square	025FB	□	$\square$	mathord	amssymb -fourier	WHITE MEDIUM SQUARE
\square	02B1C	□	[na]	mathord	fourier -amssymb	WHITE LARGE SQUARE
\vec	020D1	x⃗	[na]	mathaccent	wrisym	COMBINING RIGHT HARPOON ABOVE
\vec	020D7	x⃗	$\vec{x}$	mathaccent	-wrisym	= \Vec (wrisym), # \overrightarrow, COMBINING RIGHT ARROW ABOVE