Miscellaneous Mathematical Symbols-A

Range: 27C0-27EF

This file contains an excerpt from the character code tables and list of character names for *The Unicode Standard, Version 10.0*

This file may be changed at any time without notice to reflect errata or other updates to the Unicode Standard. See http://www.unicode.org/errata/ for an up-to-date list of errata.

See http://www.unicode.org/charts/ for access to a complete list of the latest character code charts.

See http://www.unicode.org/charts/PDF/Unicode-10.0/ for charts showing only the characters added in Unicode 10.0.

See http://www.unicode.org/Public/10.0.0/charts/ for a complete archived file of character code charts for Unicode 10.0.

Disclaimer

These charts are provided as the online reference to the character contents of the Unicode Standard, Version 10.0 but do not provide all the information needed to fully support individual scripts using the Unicode Standard. For a complete understanding of the use of the characters contained in this file, please consult the appropriate sections of The Unicode Standard, Version 10.0, online at http://www.unicode.org/versions/Unicode10.0.0/, as well as Unicode Standard Annexes #9, #11, #14, #15, #24, #29, #31, #34, #38, #41, #42, #44, and #45, the other Unicode Technical Reports and Standards, and the Unicode Character Database, which are available online.

See http://www.unicode.org/ucd/ and http://www.unicode.org/reports/

A thorough understanding of the information contained in these additional sources is required for a successful implementation.

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See http://www.unicode.org/charts/fonts.html for a list.

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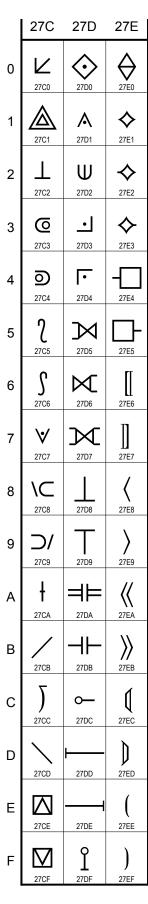
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See http://www.unicode.org/pending/pending.html and http://www.unicode.org/alloc/Pipeline.html.

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Miscellaneous symbols	27D4 ☐ UPPER LEFT CORNER WITH DOT		
27C0 ∠ THREE DIMENSIONAL ANGLE	= pushout		
• used by Euclid	→ 2308 [left ceiling		
27C1 WHITE TRIANGLE CONTAINING SMALL WHITE	Database theory operators		
TRIANGLE	27D5 ⋈ LEFT OUTER JOIN		
 used by Euclid 	27D6 ⋈ RIGHT OUTER JOIN		
27C2 ⊥ PERPENDICULAR	27D7 ⋈ FULL OUTER JOIN		
= orthogonal to	→ 2A1D 🔀 join		
 relation, typeset with additional spacing → 22A5 ⊥ up tack 	Tacks and turnstiles		
27C3 © OPEN SUBSET	27D8 LARGE UP TACK		
27C4 © OPEN SUPERSET	\rightarrow 22A5 \perp up tack		
27C5 γ LEFT S-SHAPED BAG DELIMITER	27D9 T LARGE DOWN TACK		
27C6 S RIGHT S-SHAPED BAG DELIMITER	→ 22A4 T down tack		
27C7 ♥ OR WITH DOT INSIDE	27DA = LEFT AND RIGHT DOUBLE TURNSTILE		
27C8 ∖⊂ REVERSE SOLIDUS PRECEDING SUBSET	→ 22A8 ⊨ true		
27C9 ⊃/ SUPERSET PRECEDING SOLIDUS	→ 2AE4 = vertical bar double left turnstile		
Vertical line operator	27DB → LEFT AND RIGHT TACK → 22A2 ← right tack		
27CA † VERTICAL BAR WITH HORIZONTAL STROKE	27DC ← LEFT MULTIMAP		
\rightarrow 2AF2 \parallel parallel with horizontal stroke	→ 22B8 → multimap		
\rightarrow 2AF5 \parallel triple vertical bar with horizontal	27DD ← LONG RIGHT TACK		
stroke	→ 22A2 ⊢ right tack		
Miscellaneous symbol	27DE → LONG LEFT TACK		
27CB / MATHEMATICAL RISING DIAGONAL	→ 22A3 → left tack		
= \diagup	27DF Î UP TACK WITH CIRCLE ABOVE		
\rightarrow 2215 / division slash	= radial component → 2AF1 【 down tack with circle below		
Division operator	-		
27CC DONG DIVISION	Modal logic operators		
• graphically extends over the dividend	27E0		
→ 00F7 ÷ division sign → 2215 / division slash	 used as form of possibility in modal logic ⇒ 25CA ♦ lozenge 		
\rightarrow 221A $\sqrt{\text{square root}}$	27E1 ♦ WHITE CONCAVE-SIDED DIAMOND		
Miscellaneous symbol	= never (modal operator)		
27CD \ MATHEMATICAL FALLING DIAGONAL	→ 25C7 ♦ white diamond		
= \diagdown	27E2 ♦ WHITE CONCAVE-SIDED DIAMOND WITH		
→ 2216 × set minus	LEFTWARDS TICK = was never (modal operator)		
\rightarrow 29F5 \ reverse solidus operator	27E3 ♦ WHITE CONCAVE-SIDED DIAMOND WITH		
Operators	RIGHTWARDS TICK		
27CE SQUARED LOGICAL AND	= will never be (modal operator)		
= box min	27E4 — WHITE SQUARE WITH LEFTWARDS TICK		
 morphological min product operator 	= was always (modal operator)		
morphological erosion operator	→ 25A1 □ white square → 25EB □ white medium square		
 additive minimum operator 	\rightarrow 25FB \square white medium square		
• additive minimum operator 27CF ☑ SQUARED LOGICAL OR			
• additive minimum operator 27CF ☑ SQUARED LOGICAL OR = box max	→ 25FB □ white medium square 27E5 □- WHITE SQUARE WITH RIGHTWARDS TICK		
 • additive minimum operator 27CF SQUARED LOGICAL OR = box max • morphological max product operator • morphological dilation operator 	→ 25FB white medium square 27E5 WHITE SQUARE WITH RIGHTWARDS TICK = will always be (modal operator) Mathematical brackets		
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\rangle	MATHEMATICAL RIGHT ANGLE BRACKET = ket
	= z notation right sequence bracket
	→ 232A > right-pointing angle bracket
	→ 3009 right angle bracket
((MATHEMATICAL LEFT DOUBLE ANGLE BRACKET
	= z notation left chevron bracket
	→ 300A 《 left double angle bracket
>	MATHEMATICAL RIGHT DOUBLE ANGLE
•	BRACKET
	= z notation right chevron bracket
	→ 300B 》 right double angle bracket
(MATHEMATICAL LEFT WHITE TORTOISE SHELL BRACKET
	→ 2997 (left black tortoise shell bracket
	→ 3018 [left white tortoise shell bracket
)	MATHEMATICAL RIGHT WHITE TORTOISE
	SHELL BRACKET
	\rightarrow 2998) right black tortoise shell bracket
	→ 3019 right white tortoise shell bracket
(MATHEMATICAL LEFT FLATTENED
`	PARENTHESIS
	= Igroup
)	MATHEMATICAL RIGHT FLATTENED
	PARENTHESIS
	= rgroup
	((((