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, last updated for

The Unicode Standard, Version 4.0.

This file may be updated as necessary to reflect errata without notice. For an up-to-date list of errata, see http://www.unicode.org/errata/

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These charts are provided as the on-line reference to the character contents of the Unicode Standard, Version 4.0 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 excerpt file, please consult the appropriate sections of The Unicode Standard, Version 4.0 (ISBN 0-321-18578-1), as well as Unicode Standard Annexes #9, #11, #14, #15, #24 and #29, the other Unicode Technical Reports and the Unicode Character Database, which are available on-line.

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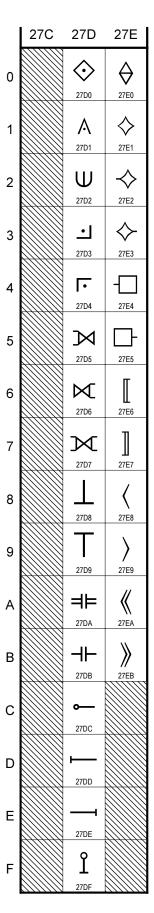
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See http://www.unicode.org/pending/pending.html and http://www.unicode.org/alloc/Pipeline.html.

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Miscellaneous symbol

27D0 WHITE DIAMOND WITH CENTRED DOT

Operators

- 27D1 A AND WITH DOT
 - → 2227 ∧ logical and
 - → 2A40 ∩ intersection with dot
- - → 2AD9 ∩ element of opening downwards
- 27D3

 LOWER RIGHT CORNER WITH DOT = pullback
 - \rightarrow 230B \rfloor right floor
- 27D4 F UPPER LEFT CORNER WITH DOT
 - = pushout
 - → 2308 [left ceiling

Database theory operators

- 27D5 ⋈ LEFT OUTER JOIN
- 27D6 ⋈ RIGHT OUTER JOIN
- 27D7 \bowtie FULL OUTER JOIN
 - \rightarrow 2A1D \bowtie join

Tacks and turnstiles

- 27D8 ⊥ LARGE UP TACK
 - \rightarrow 22A5 \perp up tack
- 27D9 T LARGE DOWN TACK
 - \rightarrow 22A4 \top down tack
- 27DA ⇒ LEFT AND RIGHT DOUBLE
 - TURNSTILE
 - \rightarrow 22A8 \models true
 - → 2AE4 = vertical bar double left turnstile
- 27DB → LEFT AND RIGHT TACK
 - → 22A2 ⊢ right tack
- 27DC ← LEFT MULTIMAP
 - → 22B8 → multimap
- 27DD ← LONG RIGHT TACK
 - \rightarrow 22A2 \vdash right tack
- 27DE → LONG LEFT TACK
 - \rightarrow 22A3 \rightarrow left tack
- 27DF 1 UP TACK WITH CIRCLE ABOVE
 - = radial component
 - → 2AF1 I down tack with circle below

Modal logic operators

- 27E0 \Leftrightarrow LOZENGE DIVIDED BY HORIZONTAL RULE
 - used as form of possibility in modal logic
 - → 25CA ♦ lozenge
- 27E1 ♦ WHITE CONCAVE-SIDED DIAMOND
 - = never (modal operator)
- 27E2 ♦ WHITE CONCAVE-SIDED DIAMOND WITH LEFTWARDS TICK
 - = was never (modal operator)
- 27E3 WHITE CONCAVE-SIDED DIAMOND WITH RIGHTWARDS TICK
 - = will never be (modal operator)

- 27E4 □ WHITE SQUARE WITH LEFTWARDS TICK
 - = was always (modal operator)
 - \rightarrow 25A1 \square white square
- 27E5 ☐ WHITE SQUARE WITH RIGHTWARDS TICK
 - = will always be (modal operator)

Mathematical brackets

- 27E6 MATHEMATICAL LEFT WHITE SQUARE BRACKET
 - = z notation left bag bracket
 - \rightarrow 301A \mathbb{I} left white square bracket
- 27E7 MATHEMATICAL RIGHT WHITE SQUARE BRACKET
 - = z notation right bag bracket
 - \rightarrow 301B \mathbb{I} right white square bracket
- 27E8 (MATHEMATICAL LEFT ANGLE BRACKET
 - = bra
 - = z notation left sequence bracket
 - → 2329 〈 left-pointing angle bracket
 - → 3008 〈 left angle bracket
- 27E9) MATHEMATICAL RIGHT ANGLE BRACKET
 - = ket
 - = z notation right sequence bracket
 - → 232A > right-pointing angle bracket
 - → 3009 > right angle bracket
- 27EA 《 MATHEMATICAL LEFT DOUBLE ANGLE BRACKET
 - = z notation left chevron bracket
 - → 300A 《 left double angle bracket
- 27EB » MATHEMATICAL RIGHT DOUBLE ANGLE BRACKET
 - = z notation right chevron bracket
 - → 300B » right double angle bracket