Supplemental Mathematical Operators

Range: 2A00–2AFF

This file contains an excerpt from the character code tables and list of character names for
The Unicode Standard, Version 5.2.

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-5.2/ for charts showing only the characters added in Unicode 5.2.
See http://www.unicode.org/Public/5.2.0/charts/ for a complete archived file of character code charts for Unicode 5.2.

Disclaimer

These charts are provided as the online reference to the character contents of the Unicode Standard, Version 5.2 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 5.2, online at http://www.unicode.org/versions/Unicode5.2.0/, as well as Unicode Standard Annexes #9, #11, #14, #15, #24, #29, #31, #34, #38, #41, #42, and #44, 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.

Fonts

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

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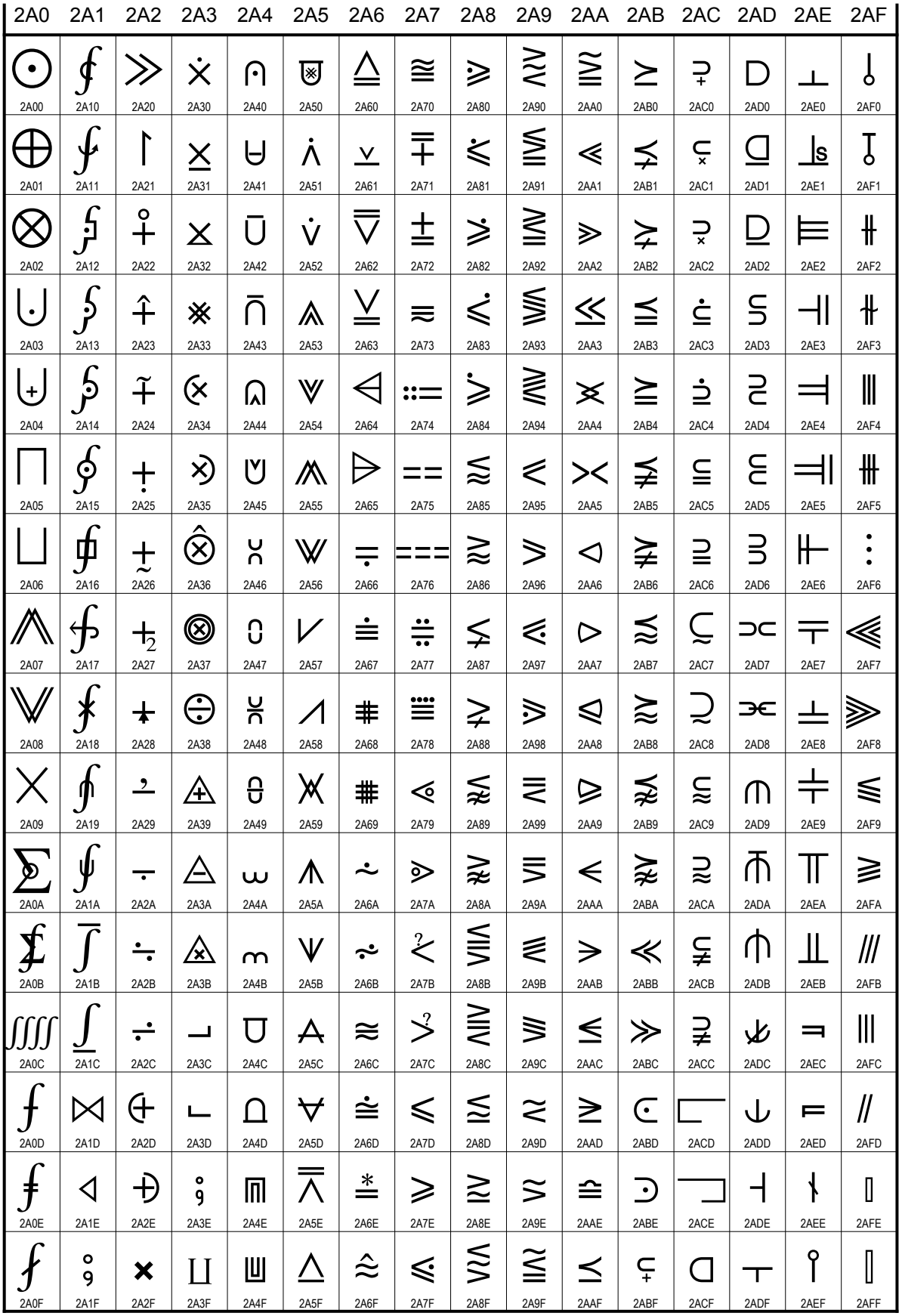

N-ary operators

2A00 ⨀ N-ARY CIRCLED DOT OPERATOR
→ 2299 ⊙ circled dot operator
→ 25C9 ◉ fisheye
2A01 ⨁ N-ARY CIRCLED PLUS OPERATOR
→ 2295 ⊕ circled plus
2A02 ⨂ N-ARY CIRCLED TIMES OPERATOR
→ 2297 ⊗ circled times
→ 2B59 ⨂ heavy circled saltire
2A03 ⨃ N-ARY UNION OPERATOR WITH DOT
2A04 ⨄ N-ARY UNION OPERATOR WITH PLUS
→ 228E ⊎ multiset union
2A05 ⨅ N-ARY SQUARE INTERSECTION OPERATOR
→ 2293 ⊓ square cap
2A06 ⨆ N-ARY SQUARE UNION OPERATOR
→ 2294 ⊔ square cup
2A07 ⩇ TWO LOGICAL AND OPERATOR
= merge
→ 2A55 ⩕ two intersecting logical and
2A08 ⩈ TWO LOGICAL OR OPERATOR
→ 2A56 ⩖ two intersecting logical or
2A09 ⨉ N-ARY TIMES OPERATOR
→ 00D7 × multiplication sign

Summations and integrals

2A0A ⨊ MODULO TWO SUM
→ 2211 ∑ n-ary summation
2A0B ⨋ SUMMATION WITH INTEGRAL
2A0C ⨌ QUADRUPLE INTEGRAL OPERATOR
→ 222D ∭ triple integral
≈ 222B ∫ 222B ∫ 222B ∫ 222B ∫
2A0D ⨍ FINITE PART INTEGRAL
2A0E ⨎ INTEGRAL WITH DOUBLE STROKE
2A0F ⨏ INTEGRAL AVERAGE WITH SLASH
2A10 ⨐ CIRCULATION FUNCTION
2A11 ⨑ ANTICLOCKWISE INTEGRATION
2A12 ⨒ LINE INTEGRATION WITH RECTANGULAR PATH AROUND POLE
2A13 ⨓ LINE INTEGRATION WITH SEMICIRCULAR PATH AROUND POLE
2A14 ⨔ LINE INTEGRATION NOT INCLUDING THE POLE
2A15 ⨕ INTEGRAL AROUND A POINT OPERATOR
→ 222E ∮ contour integral
2A16 ⨖ QUATERNION INTEGRAL OPERATOR
2A17 ⨗ INTEGRAL WITH LEFTWARDS ARROW WITH HOOK
2A18 ⨘ INTEGRAL WITH TIMES SIGN
2A19 ⨙ INTEGRAL WITH INTERSECTION
2A1A ⨚ INTEGRAL WITH UNION
2A1B ⨛ INTEGRAL WITH OVERBAR
= upper integral
2A1C ⨜ INTEGRAL WITH UNDERBAR
= lower integral

Miscellaneous large operators

2A1D ⨝ JOIN
= large bowtie
• relational database theory
→ 22C8 ⋈ bowtie
→ 27D7 ⟗ full outer join
2A1E ⨞ LARGE LEFT TRIANGLE OPERATOR
• relational database theory
→ 25C1 ◁ white left-pointing triangle
2A1F ⨟ Z NOTATION SCHEMA COMPOSITION
→ 2A3E ⨟ z notation relational composition
2A20 ⨠ Z NOTATION SCHEMA PIPING
→ 226B ≫ much greater-than
2A21 ⨡ Z NOTATION SCHEMA PROJECTION
→ 21BE ↾ upwards harpoon with barb rightwards

Plus and minus sign operators

2A22 ⨢ PLUS SIGN WITH SMALL CIRCLE ABOVE
2A23 ⨣ PLUS SIGN WITH CIRCUMFLEX ACCENT ABOVE
2A24 ⨤ PLUS SIGN WITH TILDE ABOVE
= positive difference or sum
2A25 ⨥ PLUS SIGN WITH DOT BELOW
→ 2214 ∔ dot plus
2A26 ⨦ PLUS SIGN WITH TILDE BELOW
= sum or positive difference
2A27 ⨧ PLUS SIGN WITH SUBSCRIPT TWO
= nim-addition
2A28 ⨨ PLUS SIGN WITH BLACK TRIANGLE
2A29 ⨩ MINUS SIGN WITH COMMA ABOVE
2A2A ⨪ MINUS SIGN WITH DOT BELOW
→ 2238 ∸ dot minus
2A2B ⨫ MINUS SIGN WITH FALLING DOTS
2A2C ⨬ MINUS SIGN WITH RISING DOTS
2A2D ⨭ PLUS SIGN IN LEFT HALF CIRCLE
2A2E ⨮ PLUS SIGN IN RIGHT HALF CIRCLE

Multiplication and division sign operators

2A2F ⨯ VECTOR OR CROSS PRODUCT
→ 00D7 × multiplication sign
2A30 ⨰ MULTIPLICATION SIGN WITH DOT ABOVE
2A31 ⨱ MULTIPLICATION SIGN WITH UNDERBAR
2A32 ⨲ SEMIDIRECT PRODUCT WITH BOTTOM CLOSED
2A33 ⨳ SMASH PRODUCT
2A34 ⨴ MULTIPLICATION SIGN IN LEFT HALF CIRCLE
2A35 ⨵ MULTIPLICATION SIGN IN RIGHT HALF CIRCLE
2A36 ⨶ CIRCLED MULTIPLICATION SIGN WITH CIRCUMFLEX ACCENT
2A37 ⨷ MULTIPLICATION SIGN IN DOUBLE CIRCLE
2A38 ⨸ CIRCLED DIVISION SIGN

Miscellaneous mathematical operators

2A39 ⨹ PLUS SIGN IN TRIANGLE
2A3A ⨺ MINUS SIGN IN TRIANGLE
2A3B ⨻ MULTIPLICATION SIGN IN TRIANGLE
2A3C ⨼ INTERIOR PRODUCT
→ 230B ⌋ right floor
2A3D ⨽ RIGHTHAND INTERIOR PRODUCT
→ 230A ⌊ left floor
→ 2319 ⌙ turned not sign
2A3E ⨾ Z NOTATION RELATIONAL COMPOSITION
→ 2A1F ⨟ z notation schema composition
2A3F ⨿ AMALGAMATION OR COPRODUCT
→ 2210 ∐ n-ary coproduct

Intersections and unions

2A40 ⩀ INTERSECTION WITH DOT
→ 2227 ∧ logical and
→ 27D1 ⟑ and with dot
2A41 ⩁ UNION WITH MINUS SIGN
= z notation bag subtraction
→ 228E ⊎ multiset union
2A42 ⩂ UNION WITH OVERBAR
2A43 ⩃ INTERSECTION WITH OVERBAR

2A44 ⨄ INTERSECTION WITH LOGICAL AND
2A45 ⨅ UNION WITH LOGICAL OR
2A46 ⨆ UNION ABOVE INTERSECTION
2A47 ⨇ INTERSECTION ABOVE UNION
2A48 ⨈ UNION ABOVE BAR ABOVE INTERSECTION
2A49 ⨉ INTERSECTION ABOVE BAR ABOVE UNION
2A4A ⨊ UNION BESIDE AND JOINED WITH UNION
2A4B ⨋ INTERSECTION BESIDE AND JOINED WITH INTERSECTION
2A4C ⨌ CLOSED UNION WITH SERIFS
→ 222A ∪ union
2A4D ⨍ CLOSED INTERSECTION WITH SERIFS
→ 2229 ∩ intersection
2A4E ⨎ DOUBLE SQUARE INTERSECTION
2A4F ⨏ DOUBLE SQUARE UNION
2A50 ⨐ CLOSED UNION WITH SERIFS AND SMASH PRODUCT

Logical ands and ors

2A51 ⨑ LOGICAL AND WITH DOT ABOVE
2A52 ⨒ LOGICAL OR WITH DOT ABOVE
2A53 ⨓ DOUBLE LOGICAL AND
2A54 ⨔ DOUBLE LOGICAL OR
2A55 ⨕ TWO INTERSECTING LOGICAL AND
→ 2A07 ⩇ two logical and operator
2A56 ⨖ TWO INTERSECTING LOGICAL OR
→ 2A08 ⩈ two logical or operator
2A57 ⨗ SLOPING LARGE OR
2A58 ⨘ SLOPING LARGE AND
2A59 ⨙ LOGICAL OR OVERLAPPING LOGICAL AND
2A5A ⨚ LOGICAL AND WITH MIDDLE STEM
2A5B ⨛ LOGICAL OR WITH MIDDLE STEM
2A5C ⨜ LOGICAL AND WITH HORIZONTAL DASH
2A5D ⨝ LOGICAL OR WITH HORIZONTAL DASH
2A5E ⨞ LOGICAL AND WITH DOUBLE OVERBAR
→ 2306 ⌆ perspective
2A5F ⨟ LOGICAL AND WITH UNDERBAR
2A60 ⨠ LOGICAL AND WITH DOUBLE UNDERBAR
→ 2259 ≙ estimates
2A61 ⨡ SMALL VEE WITH UNDERBAR
→ 225A ≚ equiangular to
2A62 ⨢ LOGICAL OR WITH DOUBLE OVERBAR
2A63 ⨣ LOGICAL OR WITH DOUBLE UNDERBAR
→ 225A ≚ equiangular to

Miscellaneous mathematical operators

2A64 ⨤ Z NOTATION DOMAIN ANTIRESTRICTION
2A65 ⨥ Z NOTATION RANGE ANTIRESTRICTION
→ 2332 ⌲ conical taper

Relational operators

2A66 ⨦ EQUALS SIGN WITH DOT BELOW
→ 2250 ≐ approaches the limit
2A67 ⨧ IDENTICAL WITH DOT ABOVE
2A68 ⨨ TRIPLE HORIZONTAL BAR WITH DOUBLE VERTICAL STROKE
= identical and parallel to
→ 22D5 ⋕ equal and parallel to
→ 29E5 ⧥ identical to and slanted parallel
2A69 ⨩ TRIPLE HORIZONTAL BAR WITH TRIPLE VERTICAL STROKE
2A6A ⨪ TILDE OPERATOR WITH DOT ABOVE
2A6B ⨫ TILDE OPERATOR WITH RISING DOTS
→ 223B ∻ homothetic
2A6C ⨬ SIMILAR MINUS SIMILAR
2A6D ⨭ CONGRUENT WITH DOT ABOVE
→ 2245 ≅ approximately equal to
2A6E ⨮ EQUALS WITH ASTERISK
→ 225B ≛ star equals
2A6F ⨯ ALMOST EQUAL TO WITH CIRCUMFLEX ACCENT
2A70 ⨰ APPROXIMATELY EQUAL OR EQUAL TO
2A71 ⨱ EQUALS SIGN ABOVE PLUS SIGN
• black stands slightly better (chess notation)
2A72 ⨲ PLUS SIGN ABOVE EQUALS SIGN
• white stands slightly better (chess notation)
2A73 ⨳ EQUALS SIGN ABOVE TILDE OPERATOR
2A74 ⨴ DOUBLE COLON EQUAL
≈ 003A : 003A : 003D =
2A75 ⨵ TWO CONSECUTIVE EQUALS SIGNS
≈ 003D = 003D =
2A76 ⨶ THREE CONSECUTIVE EQUALS SIGNS
≈ 003D = 003D = 003D =
2A77 ⨷ EQUALS SIGN WITH TWO DOTS ABOVE AND TWO DOTS BELOW
2A78 ⨸ EQUIVALENT WITH FOUR DOTS ABOVE
2A79 ⨹ LESS-THAN WITH CIRCLE INSIDE
2A7A ⨺ GREATER-THAN WITH CIRCLE INSIDE
2A7B ⨻ LESS-THAN WITH QUESTION MARK ABOVE
2A7C ⨼ GREATER-THAN WITH QUESTION MARK ABOVE
2A7D ⩽ LESS-THAN OR SLANTED EQUAL TO
→ 2264 ≤ less-than or equal to
2A7E ⩾ GREATER-THAN OR SLANTED EQUAL TO
→ 2265 ≥ greater-than or equal to
2A7F ⩿ LESS-THAN OR SLANTED EQUAL TO WITH DOT INSIDE
2A80 ⪀ GREATER-THAN OR SLANTED EQUAL TO WITH DOT INSIDE
2A81 ⪁ LESS-THAN OR SLANTED EQUAL TO WITH DOT ABOVE
2A82 ⪂ GREATER-THAN OR SLANTED EQUAL TO WITH DOT ABOVE
2A83 ⪃ LESS-THAN OR SLANTED EQUAL TO WITH DOT ABOVE RIGHT
2A84 ⪄ GREATER-THAN OR SLANTED EQUAL TO WITH DOT ABOVE LEFT
2A85 ⪅ LESS-THAN OR APPROXIMATE
2A86 ⪆ GREATER-THAN OR APPROXIMATE
2A87 ⪇ LESS-THAN AND SINGLE-LINE NOT EQUAL TO
→ 2268 ≨ less-than but not equal to
2A88 ⪈ GREATER-THAN AND SINGLE-LINE NOT EQUAL TO
→ 2269 ≩ greater-than but not equal to
2A89 ⪉ LESS-THAN AND NOT APPROXIMATE
2A8A ⪊ GREATER-THAN AND NOT APPROXIMATE
2A8B ⪋ LESS-THAN ABOVE DOUBLE-LINE EQUAL ABOVE GREATER-THAN
→ 22DA ⋚ less-than equal to or greater-than
2A8C ⪌ GREATER-THAN ABOVE DOUBLE-LINE EQUAL ABOVE LESS-THAN
→ 22DB ⋛ greater-than equal to or less-than
2A8D ⪍ LESS-THAN ABOVE SIMILAR OR EQUAL
2A8E ⪎ GREATER-THAN ABOVE SIMILAR OR EQUAL
2A8F ⪏ LESS-THAN ABOVE SIMILAR ABOVE GREATER-THAN
2A90 ⪐ GREATER-THAN ABOVE SIMILAR ABOVE LESS-THAN

2A91 ⪑ LESS-THAN ABOVE GREATER-THAN ABOVE DOUBLE-LINE EQUAL
2A92 ⪒ GREATER-THAN ABOVE LESS-THAN ABOVE DOUBLE-LINE EQUAL
2A93 ⪓ LESS-THAN ABOVE SLANTED EQUAL ABOVE GREATER-THAN ABOVE SLANTED EQUAL
2A94 ⪔ GREATER-THAN ABOVE SLANTED EQUAL ABOVE LESS-THAN ABOVE SLANTED EQUAL
2A95 ⪕ SLANTED EQUAL TO OR LESS-THAN
→ 22DC ⋜ equal to or less-than
2A96 ⪖ SLANTED EQUAL TO OR GREATER-THAN
→ 22DD ⋝ equal to or greater-than
2A97 ⪗ SLANTED EQUAL TO OR LESS-THAN WITH DOT INSIDE
2A98 ⪘ SLANTED EQUAL TO OR GREATER-THAN WITH DOT INSIDE
2A99 ⪙ DOUBLE-LINE EQUAL TO OR LESS-THAN
→ 22DC ⋜ equal to or less-than
2A9A ⪚ DOUBLE-LINE EQUAL TO OR GREATER-THAN
→ 22DD ⋝ equal to or greater-than
2A9B ⪛ DOUBLE-LINE SLANTED EQUAL TO OR LESS-THAN
2A9C ⪜ DOUBLE-LINE SLANTED EQUAL TO OR GREATER-THAN
2A9D ⪝ SIMILAR OR LESS-THAN
2A9E ⪞ SIMILAR OR GREATER-THAN
2A9F ⪟ SIMILAR ABOVE LESS-THAN ABOVE EQUALS SIGN
2AA0 ⪠ SIMILAR ABOVE GREATER-THAN ABOVE EQUALS SIGN
2AA1 ⪡ DOUBLE NESTED LESS-THAN
= absolute continuity
→ 226A ≪ much less-than
2AA2 ⪢ DOUBLE NESTED GREATER-THAN
→ 226B ≫ much greater-than
2AA3 ⪣ DOUBLE NESTED LESS-THAN WITH UNDERBAR
2AA4 ⪤ GREATER-THAN OVERLAPPING LESS-THAN
2AA5 ⪥ GREATER-THAN BESIDE LESS-THAN
2AA6 ⪦ LESS-THAN CLOSED BY CURVE
2AA7 ⪧ GREATER-THAN CLOSED BY CURVE
2AA8 ⪨ LESS-THAN CLOSED BY CURVE ABOVE SLANTED EQUAL
2AA9 ⪩ GREATER-THAN CLOSED BY CURVE ABOVE SLANTED EQUAL
2AAA ⪪ SMALLER THAN
2AAB ⪫ LARGER THAN
2AAC ⪬ SMALLER THAN OR EQUAL TO
2AAD ⪭ LARGER THAN OR EQUAL TO
2AAE ⪮ EQUALS SIGN WITH BUMPY ABOVE
→ 224F ≏ difference between
2AAF ⪯ PRECEDES ABOVE SINGLE-LINE EQUALS SIGN
→ 227C ≼ precedes or equal to
2AB0 ⪰ SUCCEEDS ABOVE SINGLE-LINE EQUALS SIGN
→ 227D ≽ succeeds or equal to
2AB1 ⪱ PRECEDES ABOVE SINGLE-LINE NOT EQUAL TO
2AB2 ⪲ SUCCEEDS ABOVE SINGLE-LINE NOT EQUAL TO
2AB3 ⪳ PRECEDES ABOVE EQUALS SIGN
2AB4 ⪴ SUCCEEDS ABOVE EQUALS SIGN
2AB5 ⪵ PRECEDES ABOVE NOT EQUAL TO
2AB6 ⪶ SUCCEEDS ABOVE NOT EQUAL TO
2AB7 ⪷ PRECEDES ABOVE ALMOST EQUAL TO
2AB8 ⪸ SUCCEEDS ABOVE ALMOST EQUAL TO
2AB9 ⪹ PRECEDES ABOVE NOT ALMOST EQUAL TO
2ABA ⪺ SUCCEEDS ABOVE NOT ALMOST EQUAL TO
2ABB ⪻ DOUBLE PRECEDES
2ABC ⪼ DOUBLE SUCCEEDS

Subset and superset relations

2ABD ⪽ SUBSET WITH DOT
2ABE ⪾ SUPERSET WITH DOT
2ABF ⪿ SUBSET WITH PLUS SIGN BELOW
2AC0 ⫀ SUPERSET WITH PLUS SIGN BELOW
2AC1 ⫁ SUBSET WITH MULTIPLICATION SIGN BELOW
2AC2 ⫂ SUPERSET WITH MULTIPLICATION SIGN BELOW
2AC3 ⫃ SUBSET OF OR EQUAL TO WITH DOT ABOVE
2AC4 ⫄ SUPERSET OF OR EQUAL TO WITH DOT ABOVE
2AC5 ⫅ SUBSET OF ABOVE EQUALS SIGN
2AC6 ⫆ SUPERSET OF ABOVE EQUALS SIGN
2AC7 ⫇ SUBSET OF ABOVE TILDE OPERATOR
2AC8 ⫈ SUPERSET OF ABOVE TILDE OPERATOR
2AC9 ⫉ SUBSET OF ABOVE ALMOST EQUAL TO
2ACA ⫊ SUPERSET OF ABOVE ALMOST EQUAL TO
2ACB ⫋ SUBSET OF ABOVE NOT EQUAL TO
2ACC ⫌ SUPERSET OF ABOVE NOT EQUAL TO
2ACD ⫍ SQUARE LEFT OPEN BOX OPERATOR
2ACE ⫎ SQUARE RIGHT OPEN BOX OPERATOR
2ACF ⫏ CLOSED SUBSET
→ 2282 ⊂ subset of
2AD0 ⫐ CLOSED SUPERSET
→ 2283 ⊃ superset of
2AD1 ⫑ CLOSED SUBSET OR EQUAL TO
2AD2 ⫒ CLOSED SUPERSET OR EQUAL TO
2AD3 ⫓ SUBSET ABOVE SUPERSET
2AD4 ⫔ SUPERSET ABOVE SUBSET
2AD5 ⫕ SUBSET ABOVE SUBSET
2AD6 ⫖ SUPERSET ABOVE SUPERSET
2AD7 ⫗ SUPERSET BESIDE SUBSET
2AD8 ⫘ SUPERSET BESIDE AND JOINED BY DASH WITH SUBSET

Forks

2AD9 ⫙ ELEMENT OF OPENING DOWNWARDS
→ 2208 ∈ element of
→ 27D2 ⟒ element of opening upwards
2ADA ⫚ PITCHFORK WITH TEE TOP
→ 22D4 ⋔ pitchfork
2ADB ⫛ TRANSVERSAL INTERSECTION
→ 22D4 ⋔ pitchfork
2ADC ⫝̸ FORKING
= not independent
• an equational logic symbol, not a computing science symbol
• non-independence (original concept) is related to forking
≡ 2ADD ⫝ 0338 ◌̸
2ADD ⫝ NONFORKING
= independent
• an equational logic symbol, not a computing science symbol
• independence (original concept) is related to non-forking

Tacks and turnstiles

2ADE ⫞ SHORT LEFT TACK
→ 22A3 ⊣ left tack
2ADF ⫟ SHORT DOWN TACK
→ 22A4 ⊤ down tack

2AE0 ⫠ SHORT UP TACK
→ 22A5 ⊥ up tack
2AE1 ⫡ PERPENDICULAR WITH S
2AE2 ⫢ VERTICAL BAR TRIPLE RIGHT TURNSTILE
= ordinarily satisfies
2AE3 ⫣ DOUBLE VERTICAL BAR LEFT TURNSTILE
→ 22A9 ⊩ forces
2AE4 ⫤ VERTICAL BAR DOUBLE LEFT TURNSTILE
→ 22A8 ⊨ true
2AE5 ⫥ DOUBLE VERTICAL BAR DOUBLE LEFT TURNSTILE
2AE6 ⫦ LONG DASH FROM LEFT MEMBER OF DOUBLE VERTICAL
→ 22A9 ⊩ forces
2AE7 ⫧ SHORT DOWN TACK WITH OVERBAR
→ 22A4 ⊤ down tack
→ 2351 ⍑ apl functional symbol up tack overbar
2AE8 ⫨ SHORT UP TACK WITH UNDERBAR
→ 22A5 ⊥ up tack
→ 234A ⍊ apl functional symbol down tack underbar
2AE9 ⫩ SHORT UP TACK ABOVE SHORT DOWN TACK
2AEA ⫪ DOUBLE DOWN TACK
2AEB ⫫ DOUBLE UP TACK
= independence
• probability theory
2AEC ⫬ DOUBLE STROKE NOT SIGN
→ 00AC ¬ not sign
2AED ⫭ REVERSED DOUBLE STROKE NOT SIGN
→ 2310 ⌐ reversed not sign

Vertical line operators

2AEE ⫮ DOES NOT DIVIDE WITH REVERSED NEGATION SLASH
→ 2224 ∤ does not divide
2AEF ⫯ VERTICAL LINE WITH CIRCLE ABOVE
2AF0 ⫰ VERTICAL LINE WITH CIRCLE BELOW
2AF1 ⫱ DOWN TACK WITH CIRCLE BELOW
= necessarily satisfies
→ 27DF ⟟ up tack with circle above
2AF2 ⫲ PARALLEL WITH HORIZONTAL STROKE
→ 2226 ∦ not parallel to
→ 27CA ⟊ vertical bar with horizontal stroke
2AF3 ⫳ PARALLEL WITH TILDE OPERATOR
2AF4 ⫴ TRIPLE VERTICAL BAR BINARY RELATION
= interleave
→ 2980 ⦀ triple vertical bar delimiter
2AF5 ⫵ TRIPLE VERTICAL BAR WITH HORIZONTAL STROKE
→ 27CA ⟊ vertical bar with horizontal stroke

Miscellaneous mathematical operator

2AF6 ⫶ TRIPLE COLON OPERATOR
• logic
→ 205D ⁝ tricolon
→ 22EE ⋮ vertical ellipsis

Relations

2AF7 ⫷ TRIPLE NESTED LESS-THAN
→ 22D8 ⋘ very much less-than
2AF8 ⫸ TRIPLE NESTED GREATER-THAN
→ 22D9 ⋙ very much greater-than
2AF9 ⫹ DOUBLE-LINE SLANTED LESS-THAN OR EQUAL TO
→ 2266 ≦ less-than over equal to
2AFA ⫺ DOUBLE-LINE SLANTED GREATER-THAN OR EQUAL TO
→ 2267 ≧ greater-than over equal to
2AFB ⫻ TRIPLE SOLIDUS BINARY RELATION
→ 2AF4 ⫴ triple vertical bar binary relation

Operators

2AFC ⫼ LARGE TRIPLE VERTICAL BAR OPERATOR
• often n-ary
→ 2AF4 ⫴ triple vertical bar binary relation
→ 2980 ⦀ triple vertical bar delimiter
2AFD ⫽ DOUBLE SOLIDUS OPERATOR
→ 2225 ∥ parallel to
2AFE ⫾ WHITE VERTICAL BAR
= Dijkstra choice
2AFF ⫿ N-ARY WHITE VERTICAL BAR
= n-ary Dijkstra choice

