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, 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/

Disclaimer

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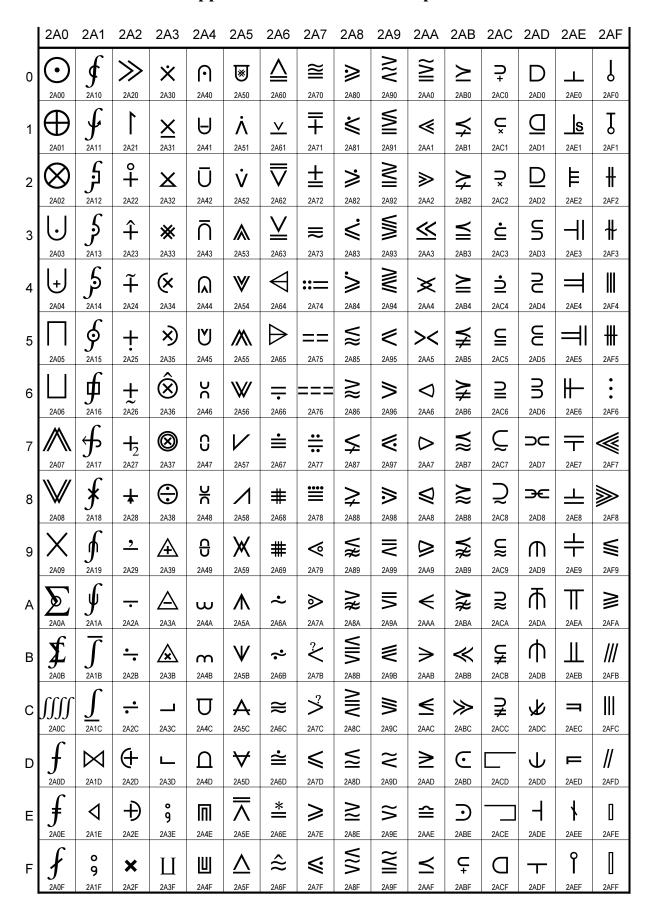
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See http://www.unicode.org/pending/pending.html and http://www.unicode.org/alloc/Pipeline.html.

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N-ar	у о	perators	Mis	cel	laneous large operators
2A00	\odot	N-ARY CIRCLED DOT OPERATOR	2A1D	\bowtie	JOIN
		→ 2299 ⊙ circled dot operator			= large bowtie
		→ 25C9 • fisheye			 relational database theory
2A01	\oplus	N-ARY CIRCLED PLUS OPERATOR			→ 22C8 ⋈ bowtie
		→ 2295 ⊕ circled plus			→ 27D7 × full outer join
2A02	\otimes	N-ARY CIRCLED TIMES OPERATOR	2A1E	٥	
		→ 2297 ⊗ circled times			relational database theory
2A03	[.]	N-ARY UNION OPERATOR WITH DOT			\rightarrow 25C1 \triangleleft white left-pointing triangle
2A04		N-ARY UNION OPERATOR WITH PLUS	2A1F	9	Z NOTATION SCHEMA COMPOSITION
_,	Ŭ	→ 228E ⊌ multiset union			→ 2A3E; z notation relational composition
2A05	П	N-ARY SQUARE INTERSECTION	2A20	>>	Z NOTATION SCHEMA PIPING
27 100		OPERATOR	2, 120	,,	→ 226B ≫ much greater-than
		→ 2293 □ square cap	2A21	1	Z NOTATION SCHEMA PROJECTION
2A06	\Box	N-ARY SQUARE UNION OPERATOR	2/ \2 1	'	→ 21BE \ upwards harpoon with barb
	_	→ 2294 ⊔ square cup			rightwards
2A07	\wedge	TWO LOGICAL AND OPERATOR			
27 10 7	<i>"</i> "	= merge	Plus	aı	nd minus sign operators
		→ 2A55 ∧ two intersecting logical and	2A22	Ŷ	PLUS SIGN WITH SMALL CIRCLE
2408	\ //	TWO LOGICAL OR OPERATOR			ABOVE
2/100	w	→ 2A56 w two intersecting logical or	2A23	Î	PLUS SIGN WITH CIRCUMFLEX
2400	V	N-ARY TIMES OPERATOR			ACCENT ABOVE
2AU9	^		2A24	Ŧ	PLUS SIGN WITH TILDE ABOVE
		→ 00D7 × multiplication sign			= positive difference or sum
Sun	ıma	ations and integrals	2A25	+	PLUS SIGN WITH DOT BELOW
		MODULO TWO SUM		•	\rightarrow 2214 \dotplus dot plus
ZAUA	گے	\rightarrow 2211 \sum n-ary summation	2A26	+	PLUS SIGN WITH TILDE BELOW
2A0B	₹	SUMMATION WITH INTEGRAL		~	= sum or positive difference
		QUADRUPLE INTEGRAL OPERATOR	2A27	+,	
ZAUC	JJJJ	→ 222D ∭ triple integral		2	= nim-addition
		≈ 222B∫ 222B∫ 222B∫ 222B∫	2A28	+	PLUS SIGN WITH BLACK TRIANGLE
3 V O D	ſ	FINITE PART INTEGRAL	2A29		
2A0D	٠.		2A2A		MINUS SIGN WITH DOT BELOW
2A0E	٠,	INTEGRAL WITH DOUBLE STROKE	2/ (2/ (•	\rightarrow 2238 \div dot minus
2A0F	ł	INTEGRAL AVERAGE WITH SLASH	2A2B	<u>.</u>	MINUS SIGN WITH FALLING DOTS
2A10	\$	CIRCULATION FUNCTION			MINUS SIGN WITH RISING DOTS
2A11	¥	ANTICLOCKWISE INTEGRATION	2A2D		
2A12	٦	LINE INTEGRATION WITH			
	c	RECTANGULAR PATH AROUND POLE	ZAZE	Ð	PLUS SIGN IN RIGHT HALF CIRCLE
2A13	۶	LINE INTEGRATION WITH	Mult	tipl	ication and division sign
	c	SEMICIRCULAR PATH AROUND POLE	ope	-	_
2A14	Þ	LINE INTEGRATION NOT INCLUDING	•		
0445	ſ	THE POLE	2A2F	×	
2A15	ģ	INTEGRAL AROUND A POINT	0.1.00		→ 00D7 × multiplication sign
		OPERATOR	2A30	×	MULTIPLICATION SIGN WITH DOT
0440	ſ	→ 222E ∮ contour integral	0.1.0.1		ABOVE
2A16	~	QUATERNION INTEGRAL OPERATOR	2A31	×	
2A17	ታ	INTEGRAL WITH LEFTWARDS	0400		UNDERBAR
0440	.c	ARROW WITH HOOK	2A32	×	
2A18	*	INTEGRAL WITH TIMES SIGN	0400		BOTTOM CLOSED
2A19	∮	INTEGRAL WITH INTERSECTION	2A33	*	
2A1A	_	INTEGRAL WITH UNION	2A34	(×	
2A1B	ſ	INTEGRAL WITH OVERBAR	0405		CIRCLE
	C	= upper integral	2A35	×)	MULTIPLICATION SIGN IN RIGHT
2A1C	<u>J</u>	INTEGRAL WITH UNDERBAR	0400	â	HALF CIRCLE
		= lower integral	2A36	\otimes	CIRCLED MULTIPLICATION SIGN WITH CIRCUMFLEX ACCENT
					WITH CHICOWITED A MCCENT

2A37	8	MULTIPLICATION SIGN IN DOUBLE CIRCLE	2A56	W	TWO INTERSECTING LOGICAL OR → 2A08 W two logical or operator
2A38	\oplus	CIRCLED DIVISION SIGN	2A57	V	SLOPING LARGE OR
2/100	•	CINCLED DIVISION SIGN			
Misc	cell	laneous mathematical operators	2A58	∕ /	SLOPING LARGE AND
2A39	A	PLUS SIGN IN TRIANGLE	2A59	×	LOGICAL OR OVERLAPPING LOGICAL AND
		MINUS SIGN IN TRIANGLE	2A5A	٨	LOGICAL AND WITH MIDDLE STEM
2A3B		MULTIPLICATION SIGN IN TRIANGLE	2A5B		LOGICAL OR WITH MIDDLE STEM
2A3C		INTERIOR PRODUCT			LOGICAL OR WITH MIDDLE STEM LOGICAL AND WITH HORIZONTAL
_,		→ 230B J right floor	ZAJU	/\	DASH
2A3D	_	RIGHTHAND INTERIOR PRODUCT	2A5D	₩	LOGICAL OR WITH HORIZONTAL
		→ 230A L left floor	ZAOD	٧	DASH
		→ 2319 ∟ turned not sign	2A5E	⊼	LOGICAL AND WITH DOUBLE
2A3E	°	Z NOTATION RELATIONAL		, ,	OVERBAR
		COMPOSITION			→ 2306 \(\overline{\pi} \) perspective
		→ 2A1F ; z notation schema composition	2A5F	Δ	LOGICAL AND WITH UNDERBAR
2A3F	Ц	AMALGAMATION OR COPRODUCT	2A60	\triangle	LOGICAL AND WITH DOUBLE
		→ 2210 ∐ n-ary coproduct			UNDERBAR
Into	* ^ ^	ctions and unions			→ 2259 \(\Delta \) estimates
			2A61	<u>v</u>	SMALL VEE WITH UNDERBAR
2A40	Θ	INTERSECTION WITH DOT			→ 225A ≚ equiangular to
		→ 2227 ∧ logical and	2A62	$\overline{\nabla}$	LOGICAL OR WITH DOUBLE
		\rightarrow 27D1 A and with dot			OVERBAR
2A41	\forall	UNION WITH MINUS SIGN	2A63	$\stackrel{\vee}{=}$	LOGICAL OR WITH DOUBLE
		= z notation bag subtraction			UNDERBAR
0440	_	→ 228E ⊌ multiset union			→ 225A ≚ equiangular to
2A42		UNION WITH OVERBAR	Misc	cell	laneous mathematical operators
2A43	Ū	INTERSECTION WITH OVERBAR			Z NOTATION DOMAIN
2A44	Ü	INTERSECTION WITH LOGICAL AND	_,	•	
2A45	٣	UNION WITH LOGICAL OR			ANTIRESTRICTION
2A45 2A46	X N	UNION WITH LOGICAL OR UNION ABOVE INTERSECTION	2A65		ANTIRESTRICTION Z NOTATION RANGE
2A45 2A46 2A47)) (UNION WITH LOGICAL OR UNION ABOVE INTERSECTION INTERSECTION ABOVE UNION			ANTIRESTRICTION Z NOTATION RANGE ANTIRESTRICTION
2A45 2A46	X N	UNION WITH LOGICAL OR UNION ABOVE INTERSECTION INTERSECTION ABOVE UNION UNION ABOVE BAR ABOVE	2A65	⊳	ANTIRESTRICTION Z NOTATION RANGE ANTIRESTRICTION → 2332 conical taper
2A45 2A46 2A47 2A48) X O X	UNION WITH LOGICAL OR UNION ABOVE INTERSECTION INTERSECTION ABOVE UNION UNION ABOVE BAR ABOVE INTERSECTION	2A65	⊳	ANTIRESTRICTION Z NOTATION RANGE ANTIRESTRICTION → 2332 >> conical taper onal operators
2A45 2A46 2A47)) (UNION WITH LOGICAL OR UNION ABOVE INTERSECTION INTERSECTION ABOVE UNION UNION ABOVE BAR ABOVE INTERSECTION INTERSECTION ABOVE BAR ABOVE	2A65	⊳	ANTIRESTRICTION Z NOTATION RANGE ANTIRESTRICTION → 2332 > conical taper onal operators EQUALS SIGN WITH DOT BELOW
2A45 2A46 2A47 2A48 2A49	S) 20 00 00 00	UNION WITH LOGICAL OR UNION ABOVE INTERSECTION INTERSECTION ABOVE UNION UNION ABOVE BAR ABOVE INTERSECTION INTERSECTION ABOVE BAR ABOVE UNION	2A65 Rela 2A66	⊳ ntio	ANTIRESTRICTION Z NOTATION RANGE ANTIRESTRICTION → 2332 ▷ conical taper onal operators EQUALS SIGN WITH DOT BELOW → 2250 ≐ approaches the limit
2A45 2A46 2A47 2A48	S) 20 00 00 00	UNION WITH LOGICAL OR UNION ABOVE INTERSECTION INTERSECTION ABOVE UNION UNION ABOVE BAR ABOVE INTERSECTION INTERSECTION ABOVE BAR ABOVE UNION UNION BESIDE AND JOINED WITH	2A65 Rela 2A66 2A67	⊳ ntio	ANTIRESTRICTION Z NOTATION RANGE ANTIRESTRICTION → 2332 ▷ conical taper onal operators EQUALS SIGN WITH DOT BELOW → 2250 ≐ approaches the limit IDENTICAL WITH DOT ABOVE
2A45 2A46 2A47 2A48 2A49	5) 00 00 00 00 30	UNION WITH LOGICAL OR UNION ABOVE INTERSECTION INTERSECTION ABOVE UNION UNION ABOVE BAR ABOVE INTERSECTION INTERSECTION ABOVE BAR ABOVE UNION UNION BESIDE AND JOINED WITH UNION	2A65 Rela 2A66	⊳ ntio ≑	ANTIRESTRICTION Z NOTATION RANGE ANTIRESTRICTION → 2332 ▷ conical taper enal operators EQUALS SIGN WITH DOT BELOW → 2250 ≐ approaches the limit IDENTICAL WITH DOT ABOVE TRIPLE HORIZONTAL BAR WITH
2A45 2A46 2A47 2A48 2A49	5) 00 00 00 00 30	UNION WITH LOGICAL OR UNION ABOVE INTERSECTION INTERSECTION ABOVE UNION UNION ABOVE BAR ABOVE INTERSECTION INTERSECTION ABOVE BAR ABOVE UNION UNION BESIDE AND JOINED WITH UNION INTERSECTION BESIDE AND JOINED	2A65 Rela 2A66 2A67	⊳ atio = ≟	ANTIRESTRICTION Z NOTATION RANGE ANTIRESTRICTION → 2332 ▷ conical taper Inal operators EQUALS SIGN WITH DOT BELOW → 2250 ≐ approaches the limit IDENTICAL WITH DOT ABOVE TRIPLE HORIZONTAL BAR WITH DOUBLE VERTICAL STROKE
2A45 2A46 2A47 2A48 2A49) X C))K	UNION WITH LOGICAL OR UNION ABOVE INTERSECTION INTERSECTION ABOVE UNION UNION ABOVE BAR ABOVE INTERSECTION INTERSECTION ABOVE BAR ABOVE UNION UNION BESIDE AND JOINED WITH UNION INTERSECTION BESIDE AND JOINED WITH INTERSECTION	2A65 Rela 2A66 2A67	⊳ atio = ≟	ANTIRESTRICTION Z NOTATION RANGE ANTIRESTRICTION → 2332 ▷ conical taper enal operators EQUALS SIGN WITH DOT BELOW → 2250 ≐ approaches the limit IDENTICAL WITH DOT ABOVE TRIPLE HORIZONTAL BAR WITH DOUBLE VERTICAL STROKE = identical and parallel to
2A45 2A46 2A47 2A48 2A49 2A4A 2A4B) X C))K	UNION WITH LOGICAL OR UNION ABOVE INTERSECTION INTERSECTION ABOVE UNION UNION ABOVE BAR ABOVE INTERSECTION INTERSECTION ABOVE BAR ABOVE UNION UNION BESIDE AND JOINED WITH UNION INTERSECTION BESIDE AND JOINED	2A65 Rela 2A66 2A67	⊳ atio = ≟	ANTIRESTRICTION Z NOTATION RANGE ANTIRESTRICTION → 2332 ▷ conical taper Inal operators EQUALS SIGN WITH DOT BELOW → 2250 ≐ approaches the limit IDENTICAL WITH DOT ABOVE TRIPLE HORIZONTAL BAR WITH DOUBLE VERTICAL STROKE = identical and parallel to → 22D5 ‡ equal and parallel to
2A45 2A46 2A47 2A48 2A49 2A4A 2A4B 2A4C	D X C X G B 3 & D	UNION WITH LOGICAL OR UNION ABOVE INTERSECTION INTERSECTION ABOVE UNION UNION ABOVE BAR ABOVE INTERSECTION INTERSECTION ABOVE BAR ABOVE UNION UNION BESIDE AND JOINED WITH UNION INTERSECTION BESIDE AND JOINED WITH INTERSECTION CLOSED UNION WITH SERIFS → 222A ∪ union	2A65 Rela 2A66 2A67 2A68	⊳ ntio = = #	ANTIRESTRICTION Z NOTATION RANGE ANTIRESTRICTION → 2332 ▷ conical taper Penal operators EQUALS SIGN WITH DOT BELOW → 2250 ≐ approaches the limit IDENTICAL WITH DOT ABOVE TRIPLE HORIZONTAL BAR WITH DOUBLE VERTICAL STROKE = identical and parallel to → 22D5 ‡ equal and parallel to → 29E5 ≠ identical to and slanted parallel
2A45 2A46 2A47 2A48 2A49 2A4A 2A4B	D X C X G B 3 & D	UNION WITH LOGICAL OR UNION ABOVE INTERSECTION INTERSECTION ABOVE UNION UNION ABOVE BAR ABOVE INTERSECTION INTERSECTION ABOVE BAR ABOVE UNION UNION BESIDE AND JOINED WITH UNION INTERSECTION BESIDE AND JOINED WITH INTERSECTION CLOSED UNION WITH SERIFS	2A65 Rela 2A66 2A67	⊳ ntio = = #	ANTIRESTRICTION Z NOTATION RANGE ANTIRESTRICTION → 2332 ▷ conical taper Penal operators EQUALS SIGN WITH DOT BELOW → 2250 ≐ approaches the limit IDENTICAL WITH DOT ABOVE TRIPLE HORIZONTAL BAR WITH DOUBLE VERTICAL STROKE = identical and parallel to → 22D5 ‡ equal and parallel to → 29E5 ≠ identical to and slanted parallel TRIPLE HORIZONTAL BAR WITH
2A45 2A46 2A47 2A48 2A49 2A4A 2A4B 2A4C	D X C X G B 3 & D	UNION WITH LOGICAL OR UNION ABOVE INTERSECTION INTERSECTION ABOVE UNION UNION ABOVE BAR ABOVE INTERSECTION INTERSECTION ABOVE BAR ABOVE UNION UNION BESIDE AND JOINED WITH UNION INTERSECTION BESIDE AND JOINED WITH INTERSECTION CLOSED UNION WITH SERIFS → 222A ∪ union CLOSED INTERSECTION WITH SERIFS → 2229 ∩ intersection	2A65 Rela 2A66 2A67 2A68	ntio =	ANTIRESTRICTION Z NOTATION RANGE ANTIRESTRICTION → 2332 ▷ conical taper Penal operators EQUALS SIGN WITH DOT BELOW → 2250 ≐ approaches the limit IDENTICAL WITH DOT ABOVE TRIPLE HORIZONTAL BAR WITH DOUBLE VERTICAL STROKE = identical and parallel to → 22D5 ‡ equal and parallel to → 29E5 ≠ identical to and slanted parallel TRIPLE HORIZONTAL BAR WITH TRIPLE VERTICAL STROKE
2A45 2A46 2A47 2A48 2A49 2A4A 2A4B 2A4C 2A4C 2A4D	Б X С X С В В В В В В В В В В В В В В В В	UNION WITH LOGICAL OR UNION ABOVE INTERSECTION INTERSECTION ABOVE UNION UNION ABOVE BAR ABOVE INTERSECTION INTERSECTION ABOVE BAR ABOVE UNION UNION BESIDE AND JOINED WITH UNION INTERSECTION BESIDE AND JOINED WITH INTERSECTION CLOSED UNION WITH SERIFS → 222A ∪ union CLOSED INTERSECTION WITH SERIFS → 2229 ∩ intersection DOUBLE SQUARE INTERSECTION	2A65 Rela 2A66 2A67 2A68 2A69 2A6A		ANTIRESTRICTION Z NOTATION RANGE ANTIRESTRICTION → 2332 ▷ conical taper Inal operators EQUALS SIGN WITH DOT BELOW → 2250 ≐ approaches the limit IDENTICAL WITH DOT ABOVE TRIPLE HORIZONTAL BAR WITH DOUBLE VERTICAL STROKE = identical and parallel to → 22D5 ≠ equal and parallel to → 29E5 ≠ identical to and slanted parallel TRIPLE HORIZONTAL BAR WITH TRIPLE VERTICAL STROKE TILDE OPERATOR WITH DOT ABOVE
2A45 2A46 2A47 2A48 2A49 2A4A 2A4B 2A4C 2A4C 2A4D 2A4E 2A4F		UNION WITH LOGICAL OR UNION ABOVE INTERSECTION INTERSECTION ABOVE UNION UNION ABOVE BAR ABOVE INTERSECTION INTERSECTION ABOVE BAR ABOVE UNION UNION BESIDE AND JOINED WITH UNION INTERSECTION BESIDE AND JOINED WITH INTERSECTION CLOSED UNION WITH SERIFS → 222A ∪ union CLOSED INTERSECTION WITH SERIFS → 2229 ∩ intersection DOUBLE SQUARE INTERSECTION DOUBLE SQUARE UNION	2A65 Rela 2A66 2A67 2A68		ANTIRESTRICTION Z NOTATION RANGE ANTIRESTRICTION → 2332 ▷ conical taper Inal operators EQUALS SIGN WITH DOT BELOW → 2250 ≐ approaches the limit IDENTICAL WITH DOT ABOVE TRIPLE HORIZONTAL BAR WITH DOUBLE VERTICAL STROKE = identical and parallel to → 22D5 ‡ equal and parallel to → 29E5 ≠ identical to and slanted parallel TRIPLE HORIZONTAL BAR WITH TRIPLE VERTICAL STROKE TILDE OPERATOR WITH DOT ABOVE TILDE OPERATOR WITH RISING DOTS
2A45 2A46 2A47 2A48 2A49 2A4A 2A4B 2A4C 2A4C 2A4D		UNION WITH LOGICAL OR UNION ABOVE INTERSECTION INTERSECTION ABOVE UNION UNION ABOVE BAR ABOVE INTERSECTION INTERSECTION ABOVE BAR ABOVE UNION UNION BESIDE AND JOINED WITH UNION INTERSECTION BESIDE AND JOINED WITH INTERSECTION CLOSED UNION WITH SERIFS → 222A ∪ union CLOSED INTERSECTION WITH SERIFS → 2229 ∩ intersection DOUBLE SQUARE INTERSECTION	2A65 Rela 2A66 2A67 2A68 2A69 2A6A 2A6B		ANTIRESTRICTION Z NOTATION RANGE ANTIRESTRICTION → 2332 ▷ conical taper onal operators EQUALS SIGN WITH DOT BELOW → 2250 ≐ approaches the limit IDENTICAL WITH DOT ABOVE TRIPLE HORIZONTAL BAR WITH DOUBLE VERTICAL STROKE = identical and parallel to → 22D5 ‡ equal and parallel to → 29E5 ≠ identical to and slanted parallel TRIPLE HORIZONTAL BAR WITH TRIPLE VERTICAL STROKE TILDE OPERATOR WITH DOT ABOVE TILDE OPERATOR WITH RISING DOTS → 223B ∻ homothetic
2A45 2A46 2A47 2A48 2A49 2A4A 2A4B 2A4C 2A4C 2A4C 2A4F 2A4F 2A50		UNION WITH LOGICAL OR UNION ABOVE INTERSECTION INTERSECTION ABOVE UNION UNION ABOVE BAR ABOVE INTERSECTION INTERSECTION ABOVE BAR ABOVE UNION UNION BESIDE AND JOINED WITH UNION INTERSECTION BESIDE AND JOINED WITH INTERSECTION CLOSED UNION WITH SERIFS → 222A ∪ union CLOSED INTERSECTION WITH SERIFS → 2229 ∩ intersection DOUBLE SQUARE INTERSECTION DOUBLE SQUARE UNION CLOSED UNION WITH SERIFS AND SMASH PRODUCT	2A65 Rela 2A66 2A67 2A68 2A69 2A6A 2A6B 2A6C		ANTIRESTRICTION Z NOTATION RANGE ANTIRESTRICTION → 2332 ▷ conical taper onal operators EQUALS SIGN WITH DOT BELOW → 2250 ≐ approaches the limit IDENTICAL WITH DOT ABOVE TRIPLE HORIZONTAL BAR WITH DOUBLE VERTICAL STROKE = identical and parallel to → 22D5 ‡ equal and parallel to → 29E5 ≠ identical to and slanted parallel TRIPLE HORIZONTAL BAR WITH TRIPLE VERTICAL STROKE TILDE OPERATOR WITH DOT ABOVE TILDE OPERATOR WITH RISING DOTS → 223B ÷ homothetic SIMILAR MINUS SIMILAR
2A45 2A46 2A47 2A48 2A49 2A4A 2A4B 2A4C 2A4C 2A4E 2A4F 2A50		UNION WITH LOGICAL OR UNION ABOVE INTERSECTION INTERSECTION ABOVE UNION UNION ABOVE BAR ABOVE INTERSECTION INTERSECTION ABOVE BAR ABOVE UNION UNION BESIDE AND JOINED WITH UNION INTERSECTION BESIDE AND JOINED WITH INTERSECTION CLOSED UNION WITH SERIFS → 222A ∪ union CLOSED INTERSECTION WITH SERIFS → 2229 ∩ intersection DOUBLE SQUARE INTERSECTION DOUBLE SQUARE UNION CLOSED UNION WITH SERIFS AND SMASH PRODUCT I ands and ors	2A65 Rela 2A66 2A67 2A68 2A69 2A6A 2A6B		ANTIRESTRICTION Z NOTATION RANGE ANTIRESTRICTION → 2332 ▷ conical taper Inal operators EQUALS SIGN WITH DOT BELOW → 2250 ≐ approaches the limit IDENTICAL WITH DOT ABOVE TRIPLE HORIZONTAL BAR WITH DOUBLE VERTICAL STROKE = identical and parallel to → 22D5 ‡ equal and parallel to → 29E5 ≠ identical to and slanted parallel TRIPLE HORIZONTAL BAR WITH TRIPLE VERTICAL STROKE TILDE OPERATOR WITH DOT ABOVE TILDE OPERATOR WITH RISING DOTS → 223B ÷ homothetic SIMILAR MINUS SIMILAR CONGRUENT WITH DOT ABOVE
2A45 2A46 2A47 2A48 2A49 2A4A 2A4B 2A4C 2A4C 2A4C 2A4F 2A50		UNION WITH LOGICAL OR UNION ABOVE INTERSECTION INTERSECTION ABOVE UNION UNION ABOVE BAR ABOVE INTERSECTION INTERSECTION ABOVE BAR ABOVE UNION UNION BESIDE AND JOINED WITH UNION INTERSECTION BESIDE AND JOINED WITH INTERSECTION CLOSED UNION WITH SERIFS → 222A ∪ union CLOSED INTERSECTION WITH SERIFS → 2229 ∩ intersection DOUBLE SQUARE INTERSECTION DOUBLE SQUARE UNION CLOSED UNION WITH SERIFS AND SMASH PRODUCT I ands and ors LOGICAL AND WITH DOT ABOVE	2A65 Rela 2A66 2A67 2A68 2A69 2A6A 2A6B 2A6C 2A6C		ANTIRESTRICTION Z NOTATION RANGE ANTIRESTRICTION → 2332 ▷ conical taper Inal operators EQUALS SIGN WITH DOT BELOW → 2250 ≐ approaches the limit IDENTICAL WITH DOT ABOVE TRIPLE HORIZONTAL BAR WITH DOUBLE VERTICAL STROKE = identical and parallel to → 22D5 ‡ equal and parallel to → 29E5 ≠ identical to and slanted parallel TRIPLE HORIZONTAL BAR WITH TRIPLE VERTICAL STROKE TILDE OPERATOR WITH DOT ABOVE TILDE OPERATOR WITH DOT ABOVE TILDE OPERATOR WITH RISING DOTS → 223B ÷ homothetic SIMILAR MINUS SIMILAR CONGRUENT WITH DOT ABOVE → 2245 ≅ approximately equal to
2A45 2A46 2A47 2A48 2A49 2A4A 2A4B 2A4C 2A4C 2A4C 2A4C 2A4C 2A4E 2A50 Logi 2A51 2A52	Бхож в 3 € D Д ■■ ica	UNION WITH LOGICAL OR UNION ABOVE INTERSECTION INTERSECTION ABOVE UNION UNION ABOVE BAR ABOVE INTERSECTION INTERSECTION ABOVE BAR ABOVE UNION UNION BESIDE AND JOINED WITH UNION INTERSECTION BESIDE AND JOINED WITH INTERSECTION CLOSED UNION WITH SERIFS → 222A ∪ union CLOSED INTERSECTION WITH SERIFS → 2229 ∩ intersection DOUBLE SQUARE INTERSECTION DOUBLE SQUARE UNION CLOSED UNION WITH SERIFS AND SMASH PRODUCT I ands and ors LOGICAL AND WITH DOT ABOVE LOGICAL OR WITH DOT ABOVE	2A65 Rela 2A66 2A67 2A68 2A69 2A6A 2A6B 2A6C		ANTIRESTRICTION Z NOTATION RANGE ANTIRESTRICTION → 2332 ▷ conical taper Inal operators EQUALS SIGN WITH DOT BELOW → 2250 ≐ approaches the limit IDENTICAL WITH DOT ABOVE TRIPLE HORIZONTAL BAR WITH DOUBLE VERTICAL STROKE = identical and parallel to → 22D5 ‡ equal and parallel to → 29E5 ≠ identical to and slanted parallel TRIPLE HORIZONTAL BAR WITH TRIPLE VERTICAL STROKE TILDE OPERATOR WITH DOT ABOVE TILDE OPERATOR WITH DOT ABOVE TILDE OPERATOR WITH RISING DOTS → 223B ÷ homothetic SIMILAR MINUS SIMILAR CONGRUENT WITH DOT ABOVE → 2245 ≅ approximately equal to EQUALS WITH ASTERISK
2A45 2A46 2A47 2A48 2A49 2A4A 2A4B 2A4C 2A4C 2A4C 2A4C 2A4C 2A50 Logi 2A51 2A52 2A53	Вхож Ф 3 € D Д ■■ ica	UNION WITH LOGICAL OR UNION ABOVE INTERSECTION INTERSECTION ABOVE UNION UNION ABOVE BAR ABOVE INTERSECTION INTERSECTION ABOVE BAR ABOVE UNION UNION BESIDE AND JOINED WITH UNION INTERSECTION BESIDE AND JOINED WITH INTERSECTION CLOSED UNION WITH SERIFS → 222A ∪ union CLOSED INTERSECTION WITH SERIFS → 2229 ∩ intersection DOUBLE SQUARE INTERSECTION DOUBLE SQUARE UNION CLOSED UNION WITH SERIFS AND SMASH PRODUCT I ands and ors LOGICAL AND WITH DOT ABOVE LOGICAL OR WITH DOT ABOVE DOUBLE LOGICAL AND	2A65 Rela 2A66 2A67 2A68 2A69 2A6A 2A6B 2A6C 2A6C 2A6C 2A6E		ANTIRESTRICTION Z NOTATION RANGE ANTIRESTRICTION → 2332 ▷ conical taper Inal operators EQUALS SIGN WITH DOT BELOW → 2250 ≐ approaches the limit IDENTICAL WITH DOT ABOVE TRIPLE HORIZONTAL BAR WITH DOUBLE VERTICAL STROKE = identical and parallel to → 22D5 ≠ equal and parallel to → 29E5 ≠ identical to and slanted parallel TRIPLE HORIZONTAL BAR WITH TRIPLE VERTICAL STROKE TILDE OPERATOR WITH DOT ABOVE TILDE OPERATOR WITH RISING DOTS → 223B ∻ homothetic SIMILAR MINUS SIMILAR CONGRUENT WITH DOT ABOVE → 2245 ≅ approximately equal to EQUALS WITH ASTERISK → 225B ≐ star equals
2A45 2A46 2A47 2A48 2A49 2A4A 2A4B 2A4C 2A4C 2A4C 2A4C 2A4D 2A50 2A51 2A52 2A53 2A54	В х о х е в в т о п п ш в г са х о х е в з к о х е в г са х о х	UNION WITH LOGICAL OR UNION ABOVE INTERSECTION INTERSECTION ABOVE UNION UNION ABOVE BAR ABOVE INTERSECTION INTERSECTION ABOVE BAR ABOVE UNION UNION BESIDE AND JOINED WITH UNION INTERSECTION BESIDE AND JOINED WITH INTERSECTION CLOSED UNION WITH SERIFS → 222A ∪ union CLOSED INTERSECTION WITH SERIFS → 2229 ∩ intersection DOUBLE SQUARE INTERSECTION DOUBLE SQUARE UNION CLOSED UNION WITH SERIFS AND SMASH PRODUCT I ands and ors LOGICAL AND WITH DOT ABOVE LOGICAL OR WITH DOT ABOVE DOUBLE LOGICAL OR	2A65 Rela 2A66 2A67 2A68 2A69 2A6A 2A6B 2A6C 2A6C		ANTIRESTRICTION Z NOTATION RANGE ANTIRESTRICTION → 2332 ▷ conical taper Inal operators EQUALS SIGN WITH DOT BELOW → 2250 ≐ approaches the limit IDENTICAL WITH DOT ABOVE TRIPLE HORIZONTAL BAR WITH DOUBLE VERTICAL STROKE = identical and parallel to → 22D5 ♯ equal and parallel to → 29E5 ≢ identical to and slanted parallel TRIPLE HORIZONTAL BAR WITH TRIPLE VERTICAL STROKE TILDE OPERATOR WITH DOT ABOVE TILDE OPERATOR WITH DOT ABOVE TILDE OPERATOR WITH RISING DOTS → 223B ∻ homothetic SIMILAR MINUS SIMILAR CONGRUENT WITH DOT ABOVE → 2245 ≅ approximately equal to EQUALS WITH ASTERISK → 225B ≐ star equals ALMOST EQUAL TO WITH
2A45 2A46 2A47 2A48 2A49 2A4A 2A4B 2A4C 2A4C 2A4C 2A4C 2A4C 2A50 Logi 2A51 2A52 2A53	Вхож Ф 3 € D Q	UNION WITH LOGICAL OR UNION ABOVE INTERSECTION INTERSECTION ABOVE UNION UNION ABOVE BAR ABOVE INTERSECTION INTERSECTION ABOVE BAR ABOVE UNION UNION BESIDE AND JOINED WITH UNION INTERSECTION BESIDE AND JOINED WITH INTERSECTION CLOSED UNION WITH SERIFS → 222A ∪ union CLOSED INTERSECTION WITH SERIFS → 2229 ∩ intersection DOUBLE SQUARE INTERSECTION DOUBLE SQUARE UNION CLOSED UNION WITH SERIFS AND SMASH PRODUCT I ands and ors LOGICAL AND WITH DOT ABOVE LOGICAL OR WITH DOT ABOVE DOUBLE LOGICAL AND DOUBLE LOGICAL OR TWO INTERSECTING LOGICAL AND	2A65 Rela 2A66 2A67 2A68 2A69 2A6A 2A6B 2A6C 2A6C 2A6C 2A6E 2A6F		ANTIRESTRICTION Z NOTATION RANGE ANTIRESTRICTION → 2332 ▷ conical taper Inal operators EQUALS SIGN WITH DOT BELOW → 2250 ≐ approaches the limit IDENTICAL WITH DOT ABOVE TRIPLE HORIZONTAL BAR WITH DOUBLE VERTICAL STROKE = identical and parallel to → 22D5 ‡ equal and parallel to → 29E5 ≠ identical to and slanted parallel TRIPLE HORIZONTAL BAR WITH TRIPLE VERTICAL STROKE TILDE OPERATOR WITH DOT ABOVE TILDE OPERATOR WITH DOT ABOVE TILDE OPERATOR WITH RISING DOTS → 223B ∻ homothetic SIMILAR MINUS SIMILAR CONGRUENT WITH DOT ABOVE → 2245 ≅ approximately equal to EQUALS WITH ASTERISK → 225B ≛ star equals ALMOST EQUAL TO WITH CIRCUMFLEX ACCENT
2A45 2A46 2A47 2A48 2A49 2A4A 2A4B 2A4C 2A4C 2A4C 2A4C 2A4D 2A50 2A51 2A52 2A53 2A54	Đχοχ θ β Ε D Ω E ■ B ic · · · · · · · · · · · · · · · · · ·	UNION WITH LOGICAL OR UNION ABOVE INTERSECTION INTERSECTION ABOVE UNION UNION ABOVE BAR ABOVE INTERSECTION INTERSECTION ABOVE BAR ABOVE UNION UNION BESIDE AND JOINED WITH UNION INTERSECTION BESIDE AND JOINED WITH INTERSECTION CLOSED UNION WITH SERIFS → 222A ∪ union CLOSED INTERSECTION WITH SERIFS → 2229 ∩ intersection DOUBLE SQUARE INTERSECTION DOUBLE SQUARE UNION CLOSED UNION WITH SERIFS AND SMASH PRODUCT I ands and ors LOGICAL AND WITH DOT ABOVE LOGICAL OR WITH DOT ABOVE DOUBLE LOGICAL OR	2A65 Rela 2A66 2A67 2A68 2A69 2A6A 2A6B 2A6C 2A6C 2A6C 2A6E		ANTIRESTRICTION Z NOTATION RANGE ANTIRESTRICTION → 2332 ▷ conical taper Inal operators EQUALS SIGN WITH DOT BELOW → 2250 ≐ approaches the limit IDENTICAL WITH DOT ABOVE TRIPLE HORIZONTAL BAR WITH DOUBLE VERTICAL STROKE = identical and parallel to → 22D5 ♯ equal and parallel to → 29E5 ≢ identical to and slanted parallel TRIPLE HORIZONTAL BAR WITH TRIPLE VERTICAL STROKE TILDE OPERATOR WITH DOT ABOVE TILDE OPERATOR WITH DOT ABOVE TILDE OPERATOR WITH RISING DOTS → 223B ∻ homothetic SIMILAR MINUS SIMILAR CONGRUENT WITH DOT ABOVE → 2245 ≅ approximately equal to EQUALS WITH ASTERISK → 225B ≐ star equals ALMOST EQUAL TO WITH

		PLUS SIGN ABOVE EQUALS SIGN	2A8F	V% ∧	LESS-THAN ABOVE SIMILAR ABOVE
2A73	≅	EQUALS SIGN ABOVE TILDE OPERATOR	2A90	\%	GREATER-THAN GREATER-THAN ABOVE SIMILAR
2A74	::=	DOUBLE COLON EQUAL ≈ 003A: 003A: 003D =	2A91	M	ABOVE LESS-THAN LESS-THAN ABOVE GREATER-THAN
2A75	==	TWO CONSECUTIVE EQUALS SIGNS			ABOVE DOUBLE-LINE EQUAL
2A76	===	≈ 003D = 003D = THREE CONSECUTIVE EQUALS SIGNS	2A92	_	GREATER-THAN ABOVE LESS-THAN ABOVE DOUBLE-LINE EQUAL
2A77	#	≈ 003D = 003D = 003D = EQUALS SIGN WITH TWO DOTS	2A93		LESS-THAN ABOVE SLANTED EQUAL ABOVE GREATER-THAN ABOVE
		ABOVE AND TWO DOTS BELOW	2A94	AW.	SLANTED EQUAL GREATER-THAN ABOVE SLANTED
2A78	=	EQUIVALENT WITH FOUR DOTS ABOVE	27104	~	EQUAL ABOVE LESS-THAN ABOVE
2A79	≪	LESS-THAN WITH CIRCLE INSIDE	2A95	<	SLANTED EQUAL SLANTED EQUAL TO OR LESS-THAN
2A7A	⋗	GREATER-THAN WITH CIRCLE INSIDE			\rightarrow 22DC \neq equal to or less-than
2A7B	₹	LESS-THAN WITH QUESTION MARK ABOVE	2A96	≽	SLANTED EQUAL TO OR GREATER- THAN
2A7C	?	GREATER-THAN WITH QUESTION	2A97	€	→ 22DD > equal to or greater-than SLANTED EQUAL TO OR LESS-THAN
2A7D	\left\	MARK ABOVE LESS-THAN OR SLANTED EQUAL TO			WITH DOT INSIDE
		\rightarrow 2264 ≤ less-than or equal to	2A98	≫	SLANTED EQUAL TO OR GREATER- THAN WITH DOT INSIDE
2A7E	≥	GREATER-THAN OR SLANTED EQUAL TO	2A99	₹	DOUBLE-LINE EQUAL TO OR LESS- THAN
		\rightarrow 2265 ≥ greater-than or equal to			\rightarrow 22DC < equal to or less-than
2A7F	€	LESS-THAN OR SLANTED EQUAL TO WITH DOT INSIDE	2A9A	₹	DOUBLE-LINE EQUAL TO OR GREATER-THAN
2A80	≽	GREATER-THAN OR SLANTED EQUAL TO WITH DOT INSIDE			\rightarrow 22DD \triangleright equal to or greater-than
2A81	≼	LESS-THAN OR SLANTED EQUAL TO WITH DOT ABOVE	2A9B	₩	DOUBLE-LINE SLANTED EQUAL TO OR LESS-THAN
2A82	≱	GREATER-THAN OR SLANTED EQUAL	2A9C	//	DOUBLE-LINE SLANTED EQUAL TO OR GREATER-THAN
2402	و	TO WITH DOT ABOVE	2A9D	~	SIMILAR OR LESS-THAN
2A83	€	LESS-THAN OR SLANTED EQUAL TO WITH DOT ABOVE RIGHT	2A9E	≈ ~	SIMILAR OR GREATER-THAN
2A84	≽	GREATER-THAN OR SLANTED EQUAL TO WITH DOT ABOVE LEFT	2A9F	~	SIMILAR ABOVE LESS-THAN ABOVE EQUALS SIGN
2A85	≨	LESS-THAN OR APPROXIMATE	2AA0	≧	SIMILAR ABOVE GREATER-THAN
2A86	≋	GREATER-THAN OR APPROXIMATE	2AA1	«	ABOVE EQUALS SIGN DOUBLE NESTED LESS-THAN
2A87	≨	LESS-THAN AND SINGLE-LINE NOT	2///	~	= absolute continuity
		EQUAL TO			→ 226A ≪ much less-than
2A88	>	→ 2268 ≨ less-than but not equal to GREATER-THAN AND SINGLE-LINE	2AA2	≽	DOUBLE NESTED GREATER-THAN
27 100	7	NOT EQUAL TO			→ 226B ≫ much greater-than
		→ 2269 \(\geq \) greater-than but not equal to	2AA3	<u>«</u>	DOUBLE NESTED LESS-THAN WITH UNDERBAR
2A89	≨	LESS-THAN AND NOT APPROXIMATE	2AA4	8	
2A8A	≈	GREATER-THAN AND NOT APPROXIMATE			THAN
2A8B	≅	LESS-THAN ABOVE DOUBLE-LINE			GREATER-THAN BESIDE LESS-THAN
		EQUAL ABOVE GREATER-THAN	2AA6 2AA7		LESS-THAN CLOSED BY CURVE GREATER-THAN CLOSED BY CURVE
0400	>	→ 22DA ≶ less-than equal to or greater-than	2AA8		LESS-THAN CLOSED BY CURVE
2A8C	₹	GREATER-THAN ABOVE DOUBLE- LINE EQUAL ABOVE LESS-THAN			ABOVE SLANTED EQUAL
2A8D	<	→ 22DB ≥ greater-than equal to or less-than LESS-THAN ABOVE SIMILAR OR	2AA9		GREATER-THAN CLOSED BY CURVE ABOVE SLANTED EQUAL
ZAOD	≈	EQUAL	2AAA	<	
2A8E	≥	-	2AAB		LARGER THAN
		EQUAL	2AAC	≤	SMALLER THAN OR EQUAL TO

	LARGER THAN OR EQUAL TO	2AD0 □	CLOSED SUPERSET
2AAE ≘	EQUALS SIGN WITH BUMPY ABOVE		\rightarrow 2283 \supset superset of
	→ 224F ≃ difference between	2AD1	CLOSED SUBSET OR EQUAL TO
2AAF ≤		2AD2 □	CLOSED SUPERSET OR EQUAL TO
	EQUALS SIGN	2AD3 ≤	SUBSET ABOVE SUPERSET
0400	→ 227C ≤ precedes or equal to	2AD4 ≥	SUPERSET ABOVE SUBSET
2AB0 ≥	SUCCEEDS ABOVE SINGLE-LINE	2AD5 ∈	SUBSET ABOVE SUBSET
	EQUALS SIGN → 227D ≥ succeeds or equal to	2AD6 ∃	
2AB1	PRECEDES ABOVE SINGLE-LINE NOT		SUPERSET BESIDE SUBSET
7401 >	EQUAL TO	2AD8 ∍⊂	SUPERSET BESIDE AND JOINED BY
2AB2 ≽	-		DASH WITH SUBSET
	EQUAL TO	Forks	
2AB3 ≦	PRECEDES ABOVE EQUALS SIGN	2AD9 ∩	ELEMENT OF OPENING DOWNWARDS
2AB4 ≧	SUCCEEDS ABOVE EQUALS SIGN	ZADO III	\rightarrow 2208 \in element of
2AB5 ≨	PRECEDES ABOVE NOT EQUAL TO		\rightarrow 27D2 \cup element of opening upwards
2AB6 ≩	SUCCEEDS ABOVE NOT EQUAL TO	2ADA ₼	PITCHFORK WITH TEE TOP
2AB7 ≲	PRECEDES ABOVE ALMOST EQUAL	2,12,1	→ 22D4 \(\text{\text{pitchfork}}\)
	TO	2ADB ↑	•
2AB8 ≳	SUCCEEDS ABOVE ALMOST EQUAL		→ 22D4 h pitchfork
0400	TO	2ADC 😕	FORKING
2AB9 ≨	PRECEDES ABOVE NOT ALMOST EQUAL TO		= not independent
2ABA ≩	SUCCEEDS ABOVE NOT ALMOST		 an equational logic symbol, not a
2∧⊔∧ ≉	EQUAL TO		computing science symbol
2ABB ≪	DOUBLE PRECEDES		 non-independence (original concept) is related to forking
	DOUBLE SUCCEEDS		\equiv 2ADD \cup 0338 \emptyset
0		2ADD ↓	NONFORKING
Subse	t and superset relations		= independent
			macpenaent
2ABD ∈	SUBSET WITH DOT		 an equational logic symbol, not a
2ABE ∋	SUPERSET WITH DOT		 an equational logic symbol, not a computing science symbol
2ABE ⊃ 2ABF ⊊	SUPERSET WITH DOT SUBSET WITH PLUS SIGN BELOW		 an equational logic symbol, not a computing science symbol independence (original concept) is related
2ABE	SUPERSET WITH DOT SUBSET WITH PLUS SIGN BELOW SUPERSET WITH PLUS SIGN BELOW		 an equational logic symbol, not a computing science symbol
2ABE ⊃ 2ABF ⊊	SUPERSET WITH DOT SUBSET WITH PLUS SIGN BELOW		 an equational logic symbol, not a computing science symbol independence (original concept) is related to non-forking and turnstiles
2ABE	SUPERSET WITH DOT SUBSET WITH PLUS SIGN BELOW SUPERSET WITH PLUS SIGN BELOW SUBSET WITH MULTIPLICATION	Tacks 2ADE -	 an equational logic symbol, not a computing science symbol independence (original concept) is related to non-forking and turnstiles SHORT LEFT TACK
2ABE ⊃ 2ABF ⊊ 2AC0 ⊋ 2AC1 ⊊ 2AC2 ⊋	SUPERSET WITH DOT SUBSET WITH PLUS SIGN BELOW SUPERSET WITH PLUS SIGN BELOW SUBSET WITH MULTIPLICATION SIGN BELOW SUPERSET WITH MULTIPLICATION SIGN BELOW	2ADE ⊢	 an equational logic symbol, not a computing science symbol independence (original concept) is related to non-forking and turnstiles SHORT LEFT TACK → 22A3 → left tack
2ABE	SUPERSET WITH DOT SUBSET WITH PLUS SIGN BELOW SUPERSET WITH PLUS SIGN BELOW SUBSET WITH MULTIPLICATION SIGN BELOW SUPERSET WITH MULTIPLICATION SIGN BELOW SUBSET OF OR EQUAL TO WITH DOT		 an equational logic symbol, not a computing science symbol independence (original concept) is related to non-forking and turnstiles SHORT LEFT TACK → 22A3 → left tack SHORT DOWN TACK
2ABE ⊃ 2ABF ⊊ 2AC0 ⊋ 2AC1 ⊊ 2AC2 ⊋ 2AC3 ⊆	SUPERSET WITH DOT SUBSET WITH PLUS SIGN BELOW SUPERSET WITH PLUS SIGN BELOW SUBSET WITH MULTIPLICATION SIGN BELOW SUPERSET WITH MULTIPLICATION SIGN BELOW SUBSET OF OR EQUAL TO WITH DOT ABOVE	2ADE +	 an equational logic symbol, not a computing science symbol independence (original concept) is related to non-forking and turnstiles SHORT LEFT TACK → 22A3 → left tack SHORT DOWN TACK → 22A4 ⊤ down tack
2ABE ⊃ 2ABF ⊊ 2AC0 ⊋ 2AC1 ⊊ 2AC2 ⊋	SUPERSET WITH DOT SUBSET WITH PLUS SIGN BELOW SUPERSET WITH PLUS SIGN BELOW SUBSET WITH MULTIPLICATION SIGN BELOW SUPERSET WITH MULTIPLICATION SIGN BELOW SUBSET OF OR EQUAL TO WITH DOT ABOVE SUPERSET OF OR EQUAL TO WITH	2ADE +	 • an equational logic symbol, not a computing science symbol • independence (original concept) is related to non-forking and turnstiles SHORT LEFT TACK → 22A3 → left tack SHORT DOWN TACK → 22A4 ⊤ down tack SHORT UP TACK
2ABE ⊃ 2ABF ⊊ 2AC0 ⊋ 2AC1 ⊊ 2AC2 ⊋ 2AC3 ⊆ 2AC4 ⊆	SUPERSET WITH DOT SUBSET WITH PLUS SIGN BELOW SUPERSET WITH PLUS SIGN BELOW SUBSET WITH MULTIPLICATION SIGN BELOW SUPERSET WITH MULTIPLICATION SIGN BELOW SUBSET OF OR EQUAL TO WITH DOT ABOVE SUPERSET OF OR EQUAL TO WITH DOT ABOVE	2ADE → 2ADF → 2AE0 ⊥	 an equational logic symbol, not a computing science symbol independence (original concept) is related to non-forking and turnstiles SHORT LEFT TACK → 22A3 → left tack SHORT DOWN TACK → 22A4 ⊤ down tack SHORT UP TACK → 22A5 ⊥ up tack
2ABE	SUPERSET WITH DOT SUBSET WITH PLUS SIGN BELOW SUPERSET WITH PLUS SIGN BELOW SUBSET WITH MULTIPLICATION SIGN BELOW SUPERSET WITH MULTIPLICATION SIGN BELOW SUBSET OF OR EQUAL TO WITH DOT ABOVE SUPERSET OF OR EQUAL TO WITH DOT ABOVE SUBSET OF ABOVE EQUALS SIGN	2ADE	 an equational logic symbol, not a computing science symbol independence (original concept) is related to non-forking and turnstiles SHORT LEFT TACK → 22A3 → left tack SHORT DOWN TACK → 22A4 ⊤ down tack SHORT UP TACK → 22A5 ⊥ up tack PERPENDICULAR WITH S
2ABE	SUPERSET WITH DOT SUBSET WITH PLUS SIGN BELOW SUPERSET WITH PLUS SIGN BELOW SUBSET WITH MULTIPLICATION SIGN BELOW SUPERSET WITH MULTIPLICATION SIGN BELOW SUBSET OF OR EQUAL TO WITH DOT ABOVE SUPERSET OF OR EQUAL TO WITH DOT ABOVE SUBSET OF ABOVE EQUALS SIGN SUPERSET OF ABOVE EQUALS SIGN	2ADE → 2ADF → 2AE0 ⊥	 an equational logic symbol, not a computing science symbol independence (original concept) is related to non-forking and turnstiles SHORT LEFT TACK → 22A3 → left tack SHORT DOWN TACK → 22A4 ⊤ down tack SHORT UP TACK → 22A5 ⊥ up tack PERPENDICULAR WITH S VERTICAL BAR TRIPLE RIGHT
2ABE	SUPERSET WITH DOT SUBSET WITH PLUS SIGN BELOW SUPERSET WITH PLUS SIGN BELOW SUBSET WITH MULTIPLICATION SIGN BELOW SUPERSET WITH MULTIPLICATION SIGN BELOW SUBSET OF OR EQUAL TO WITH DOT ABOVE SUPERSET OF OR EQUAL TO WITH DOT ABOVE SUBSET OF ABOVE EQUALS SIGN SUPERSET OF ABOVE TILDE OPERATOR	2ADE	 an equational logic symbol, not a computing science symbol independence (original concept) is related to non-forking and turnstiles SHORT LEFT TACK → 22A3 → left tack SHORT DOWN TACK → 22A4 ⊤ down tack SHORT UP TACK → 22A5 ⊥ up tack PERPENDICULAR WITH S
2ABE	SUPERSET WITH DOT SUBSET WITH PLUS SIGN BELOW SUPERSET WITH PLUS SIGN BELOW SUBSET WITH MULTIPLICATION SIGN BELOW SUPERSET WITH MULTIPLICATION SIGN BELOW SUBSET OF OR EQUAL TO WITH DOT ABOVE SUPERSET OF OR EQUAL TO WITH DOT ABOVE SUBSET OF ABOVE EQUALS SIGN SUPERSET OF ABOVE TILDE OPERATOR SUPERSET OF ABOVE TILDE	2ADE	 • an equational logic symbol, not a computing science symbol • independence (original concept) is related to non-forking and turnstiles SHORT LEFT TACK → 22A3 → left tack SHORT DOWN TACK → 22A4 ⊤ down tack SHORT UP TACK → 22A5 ⊥ up tack PERPENDICULAR WITH S VERTICAL BAR TRIPLE RIGHT TURNSTILE
2ABE	SUPERSET WITH DOT SUBSET WITH PLUS SIGN BELOW SUPERSET WITH PLUS SIGN BELOW SUBSET WITH MULTIPLICATION SIGN BELOW SUPERSET WITH MULTIPLICATION SIGN BELOW SUBSET OF OR EQUAL TO WITH DOT ABOVE SUPERSET OF OR EQUAL TO WITH DOT ABOVE SUBSET OF ABOVE EQUALS SIGN SUPERSET OF ABOVE TILDE OPERATOR	2ADE - 1 2ADF 2AE0 2AE1 _ !s 2AE2 E	 an equational logic symbol, not a computing science symbol independence (original concept) is related to non-forking and turnstiles SHORT LEFT TACK 22A3 → left tack SHORT DOWN TACK 22A4 ⊤ down tack SHORT UP TACK 22A5 ⊥ up tack PERPENDICULAR WITH S VERTICAL BAR TRIPLE RIGHT TURNSTILE ordinarily satisfies DOUBLE VERTICAL BAR LEFT TURNSTILE
2ABE	SUPERSET WITH DOT SUBSET WITH PLUS SIGN BELOW SUPERSET WITH PLUS SIGN BELOW SUBSET WITH MULTIPLICATION SIGN BELOW SUPERSET WITH MULTIPLICATION SIGN BELOW SUBSET OF OR EQUAL TO WITH DOT ABOVE SUPERSET OF OR EQUAL TO WITH DOT ABOVE SUBSET OF ABOVE EQUALS SIGN SUPERSET OF ABOVE TILDE OPERATOR SUPERSET OF ABOVE TILDE OPERATOR SUBSET OF ABOVE ALMOST EQUAL TO	2ADE	 an equational logic symbol, not a computing science symbol independence (original concept) is related to non-forking and turnstiles SHORT LEFT TACK 22A3 → left tack SHORT DOWN TACK 22A4 ⊤ down tack SHORT UP TACK 22A5 ⊥ up tack PERPENDICULAR WITH S VERTICAL BAR TRIPLE RIGHT TURNSTILE ordinarily satisfies DOUBLE VERTICAL BAR LEFT TURNSTILE 22A9 ⊩ forces
2ABE	SUPERSET WITH DOT SUBSET WITH PLUS SIGN BELOW SUPERSET WITH PLUS SIGN BELOW SUBSET WITH MULTIPLICATION SIGN BELOW SUPERSET WITH MULTIPLICATION SIGN BELOW SUBSET OF OR EQUAL TO WITH DOT ABOVE SUPERSET OF OR EQUAL TO WITH DOT ABOVE SUBSET OF ABOVE EQUALS SIGN SUPERSET OF ABOVE TILDE OPERATOR SUPERSET OF ABOVE TILDE OPERATOR SUBSET OF ABOVE ALMOST EQUAL	2ADE	 an equational logic symbol, not a computing science symbol independence (original concept) is related to non-forking and turnstiles SHORT LEFT TACK 22A3 → left tack SHORT DOWN TACK 22A4 ⊤ down tack SHORT UP TACK 22A5 ⊥ up tack PERPENDICULAR WITH S VERTICAL BAR TRIPLE RIGHT TURNSTILE ordinarily satisfies DOUBLE VERTICAL BAR LEFT TURNSTILE 22A9 ⊩ forces VERTICAL BAR DOUBLE LEFT TURNSTILE
2ABE	SUPERSET WITH DOT SUBSET WITH PLUS SIGN BELOW SUPERSET WITH PLUS SIGN BELOW SUBSET WITH MULTIPLICATION SIGN BELOW SUPERSET WITH MULTIPLICATION SIGN BELOW SUBSET OF OR EQUAL TO WITH DOT ABOVE SUPERSET OF OR EQUAL TO WITH DOT ABOVE SUBSET OF ABOVE EQUALS SIGN SUPERSET OF ABOVE TILDE OPERATOR SUPERSET OF ABOVE TILDE OPERATOR SUBSET OF ABOVE ALMOST EQUAL TO SUPERSET OF ABOVE ALMOST	2ADE	 • an equational logic symbol, not a computing science symbol • independence (original concept) is related to non-forking and turnstiles SHORT LEFT TACK → 22A3 → left tack SHORT DOWN TACK → 22A4 ⊤ down tack SHORT UP TACK → 22A5 ⊥ up tack PERPENDICULAR WITH S VERTICAL BAR TRIPLE RIGHT TURNSTILE = ordinarily satisfies DOUBLE VERTICAL BAR LEFT TURNSTILE → 22A9 ⊩ forces VERTICAL BAR DOUBLE LEFT TURNSTILE → 22A8 ⊨ true
2ABE	SUPERSET WITH DOT SUBSET WITH PLUS SIGN BELOW SUPERSET WITH PLUS SIGN BELOW SUBSET WITH MULTIPLICATION SIGN BELOW SUPERSET WITH MULTIPLICATION SIGN BELOW SUBSET OF OR EQUAL TO WITH DOT ABOVE SUPERSET OF OR EQUAL TO WITH DOT ABOVE SUBSET OF ABOVE EQUALS SIGN SUPERSET OF ABOVE TILDE OPERATOR SUPERSET OF ABOVE TILDE OPERATOR SUBSET OF ABOVE ALMOST EQUAL TO SUPERSET OF ABOVE ALMOST EQUAL TO	2ADE	 • an equational logic symbol, not a computing science symbol • independence (original concept) is related to non-forking and turnstiles SHORT LEFT TACK → 22A3 → left tack SHORT DOWN TACK → 22A4 ⊤ down tack SHORT UP TACK → 22A5 ⊥ up tack PERPENDICULAR WITH S VERTICAL BAR TRIPLE RIGHT TURNSTILE = ordinarily satisfies DOUBLE VERTICAL BAR LEFT TURNSTILE → 22A9 ⊩ forces VERTICAL BAR DOUBLE LEFT TURNSTILE → 22A8 ⊨ true DOUBLE VERTICAL BAR DOUBLE
2ABE	SUPERSET WITH DOT SUBSET WITH PLUS SIGN BELOW SUPERSET WITH PLUS SIGN BELOW SUBSET WITH MULTIPLICATION SIGN BELOW SUPERSET WITH MULTIPLICATION SIGN BELOW SUBSET OF OR EQUAL TO WITH DOT ABOVE SUPERSET OF OR EQUAL TO WITH DOT ABOVE SUBSET OF ABOVE EQUALS SIGN SUPERSET OF ABOVE EQUALS SIGN SUPERSET OF ABOVE TILDE OPERATOR SUPERSET OF ABOVE TILDE OPERATOR SUBSET OF ABOVE ALMOST EQUAL TO SUPERSET OF ABOVE ALMOST EQUAL TO SUPERSET OF ABOVE NOT EQUAL TO SUPERSET OF ABOVE NOT EQUAL TO SUPERSET OF ABOVE NOT EQUAL TO	2ADE → 2ADF → 2AE0 → 2AE1 → 2AE2 ⊨ 2AE3 → 2AE4 → 2AE5 →	 • an equational logic symbol, not a computing science symbol • independence (original concept) is related to non-forking and turnstiles SHORT LEFT TACK → 22A3 → left tack SHORT DOWN TACK → 22A4 ⊤ down tack SHORT UP TACK → 22A5 ⊥ up tack PERPENDICULAR WITH S VERTICAL BAR TRIPLE RIGHT TURNSTILE = ordinarily satisfies DOUBLE VERTICAL BAR LEFT TURNSTILE → 22A9 ⊩ forces VERTICAL BAR DOUBLE LEFT TURNSTILE → 22A8 ⊨ true DOUBLE VERTICAL BAR DOUBLE LEFT TURNSTILE DOUBLE VERTICAL BAR DOUBLE
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2ABE	SUPERSET WITH DOT SUBSET WITH PLUS SIGN BELOW SUPERSET WITH PLUS SIGN BELOW SUBSET WITH MULTIPLICATION SIGN BELOW SUPERSET WITH MULTIPLICATION SIGN BELOW SUBSET OF OR EQUAL TO WITH DOT ABOVE SUPERSET OF OR EQUAL TO WITH DOT ABOVE SUBSET OF ABOVE EQUALS SIGN SUPERSET OF ABOVE EQUALS SIGN SUPERSET OF ABOVE TILDE OPERATOR SUPERSET OF ABOVE TILDE OPERATOR SUBSET OF ABOVE ALMOST EQUAL TO SUPERSET OF ABOVE ALMOST EQUAL TO SUPERSET OF ABOVE NOT EQUAL TO SUPERSET OF ABOVE NOT EQUAL TO SUPERSET OF ABOVE NOT EQUAL TO	2ADE → 2ADF → 2AE0 → 2AE1 → 2AE2 ⊨ 2AE3 → 2AE4 → 2AE5 →	 • an equational logic symbol, not a computing science symbol • independence (original concept) is related to non-forking and turnstiles SHORT LEFT TACK → 22A3 → left tack SHORT DOWN TACK → 22A4 ⊤ down tack SHORT UP TACK → 22A5 ⊥ up tack PERPENDICULAR WITH S VERTICAL BAR TRIPLE RIGHT TURNSTILE = ordinarily satisfies DOUBLE VERTICAL BAR LEFT TURNSTILE → 22A9 ⊩ forces VERTICAL BAR DOUBLE LEFT TURNSTILE → 22A8 ⊨ true DOUBLE VERTICAL BAR DOUBLE LEFT TURNSTILE DOUBLE VERTICAL BAR DOUBLE

 $\rightarrow 2282 \subset \text{ subset of }$

- - \rightarrow 22A4 \top down tack
 - \rightarrow 2351 \top apl functional symbol up tack overbar
- 2AE8 ± SHORT UP TACK WITH UNDERBAR
 - \rightarrow 22A5 \perp up tack
 - \rightarrow 234A \perp apl functional symbol down tack underbar
- SHORT UP TACK ABOVE SHORT 2AE9 + **DOWN TACK**
- 2AEA Ⅲ DOUBLE DOWN TACK
- - = independence
 - probability theory
- DOUBLE STROKE NOT SIGN 2AEC ⇒
 - \rightarrow 00AC \neg not sign
- 2AED = REVERSED DOUBLE STROKE NOT SIGN
 - \rightarrow 2310 reversed not sign

Vertical line operators

- DOES NOT DIVIDE WITH REVERSED 2AEE 1 **NEGATION SLASH**
 - → 2224 ∤ does not divide
- 2AEF î VERTICAL LINE WITH CIRCLE ABOVE
- 2AF0 l VERTICAL LINE WITH CIRCLE **BELOW**
- 2AF1 I DOWN TACK WITH CIRCLE BELOW
 - = necessarily satisfies
 - → 27DF 1 up tack with circle above
- PARALLEL WITH HORIZONTAL 2AF2 # **STROKE**
 - → 2226 ∦ not parallel to
- 2AF3 # PARALLEL WITH TILDE OPERATOR
- TRIPLE VERTICAL BAR BINARY 2AF4 ∥ **RELATION**
 - = interleave
 - → 2980 || triple vertical bar delimiter
- TRIPLE VERTICAL BAR WITH 2AF5 ₩ HORIZONTAL STROKE

Miscellaneous mathematical operator

- 2AF6 : TRIPLE COLON OPERATOR
 - logic
 - → 22EE : vertical ellipsis

Relations

- - → 22D8 ≪ very much less-than
- 2AF8 ≫ TRIPLE NESTED GREATER-THAN
 - → 22D9 >>> very much greater-than
- DOUBLE-LINE SLANTED LESS-THAN 2AF9 ≤ OR EOUAL TO
 - \rightarrow 2266 ≤ less-than over equal to
- DOUBLE-LINE SLANTED GREATER-2AFA ≥
 - THAN OR EQUAL TO
 - \rightarrow 2267 \geq greater-than over equal to

2AE7 = SHORT DOWN TACK WITH OVERBAR 2AFB /// TRIPLE SOLIDUS BINARY RELATION → 2AF4 || triple vertical bar binary relation

Operators

- 2AFC Ⅲ LARGE TRIPLE VERTICAL BAR **OPERATOR**
 - often n-ary
 - → 2AF4 || triple vertical bar binary relation
 - → 2980 II triple vertical bar delimiter
- 2AFD // DOUBLE SOLIDUS OPERATOR
 - → 2225 | parallel to
- WHITE VERTICAL BAR 2AFE I
 - = Dijkstra choice
- 2AFF N-ARY WHITE VERTICAL BAR
 - = n-ary Dijkstra choice